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S84/20-1

VITAL STATISTICS SUMMARY
WASHINGTON STATE
1983

HEALTH DATA UNIT
DIVISION OF HEALTH
DEPARTMENT OF SOCIAL AND HEALTH SERVICES
MS ET-14
OLYMPIA, WASHINGTON 98504

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INTRODUCTION

The 1983 Vital Statistics Annual Summary continues the practice, begun in 1980, of presenting a data analysis section along with the tabular summary of vital events. This analysis is not intended to be sophisticated or exhaustive; instead it represents an attempt to look at vital statistics data in new ways which may stimulate further analyses by those involved in health planning, epidemiologic analysis, and program evaluation in the state. The authors welcome any questions or comments about the material presented herein, or suggestions for future analysis.

This report also contains a summary presentation, in tabular form, of the vital events which occurred during the calendar year 1983. In the interest of easy comparison, the same format of tabular presentation has been continued as was initiated in the 1968-69 edition. However, additional detail on causes of death has been included in some of the mortality tables to reflect changing mortality patterns (as described in the analysis section). For those who find that the tables in this report do not meet all their needs, additional tables are available and can be obtained by calling Statistics at (206) 753-5938.

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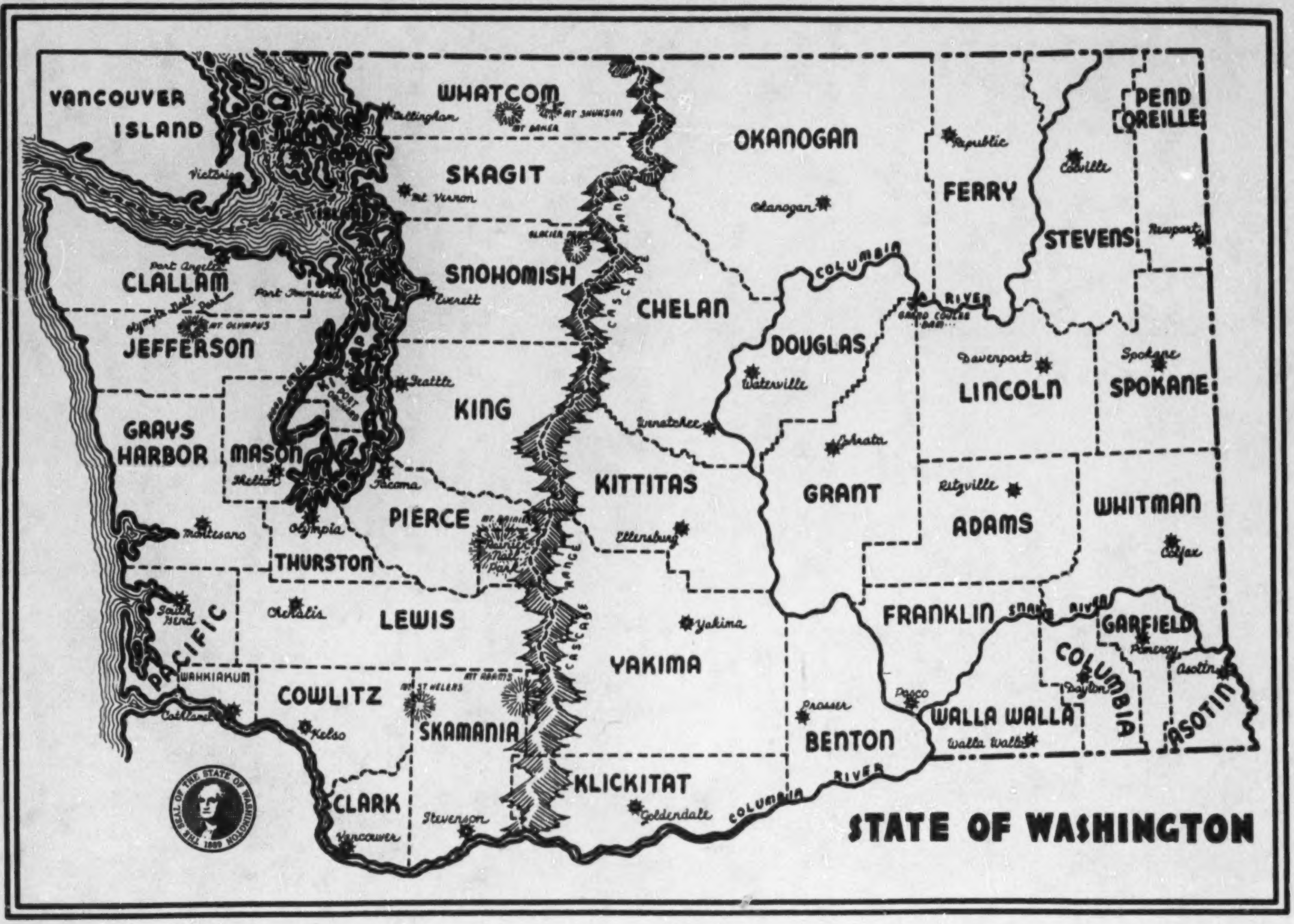


STATE OF WASHINGTON

VANCOUVER ISLAND
Victoria
WHATCOM
Bellingham
MT BAKER
MT SHUKSAN
SKAGIT
Mt Vernon
ISLAND
OKANOGAN
Okanogan
FERRY
Republic
STEVENS
Colville
PEND OREILLE
Newport
CLALLAM
Port Angeles
Port Townsend
Olympic Natl Park
MT OLYMPUS
JEFFERSON
SNOHOMISH
Everett
GLACIER PEAK
CHELAN
CASCADE RANGE
COLUMBIA RIVER
GRAND COULEE DAM
DOUGLAS
Waterville
Wenatchee
LINCOLN
Davenport
SPOKANE
Spokane
KING
Seattle
PORT ORCHARD
HOOD CANAL
GRAYS HARBOR
MASON
Shelton
Tacoma
Olympia
PIERCE
MT RAINIER
Rainier Natl Park
KITTITAS
Ellensburg
GRANT
Ephrata
ADAMS
Ritzville
WHITMAN
Colfax
Montesano
THURSTON
LEWIS
Chehalis
South Bend
PACIFIC
WAHKIAKUM
Cathlamet
COWLITZ
Kelso
MT ST HELENS
MT ADAMS
SKAMANIA
Stevenson
CLARK
Vancouver
YAKIMA
Yakima
KLICKITAT
Goldendale
BENTON
Prosser
FRANKLIN
Pasco
SNAKE RIVER
GARFIELD
Pomeroy
COLUMBIA
Dayton
WALLA WALLA
Walla Walla
ASOTIN
Asotin
THE SEAL OF THE STATE OF WASHINGTON 1889

1983 IN BRIEF

In 1983, the population estimated for the State rose 21,100 from 4,264,000 to 4,285,100, an increase of half of one percent. The natural increase (the number of births minus the number of deaths) equaled 36,074.

Live births to residents totaled 68,705, or sixteen births for every 1,000 persons in the state. For every 1,000 women of childbearing age there were approximately 67 births. This compares to a crude birth rate of 16.3 and a fertility rate of 68.2 in 1982. These rates have shown a decline for five years, since 1979, when they were 16.5 and 70.3 respectively. Prior to 1979, the last time the birth rate peaked was in 1970 with a rate of 17.7.

The total number of resident deaths in 1983 was 32,631, duplicating the 1982 rate of 7.6 per 1,000 population. This was an increase of 322 above the total for 1982. In a representative sample of 1,000 deaths, 357 people would have died from heart disease and 225 from cancer. These two causes account for 58% of all deaths, an insignificant change from events five years previous. The greatest change has occurred in the number of deaths by accident and cerebrovascular disease. In the sample 1,000 deaths, 79 would have died of cerebrovascular disease and 49 from accidents. This compares to 92 and 66, respectively, in 1979.

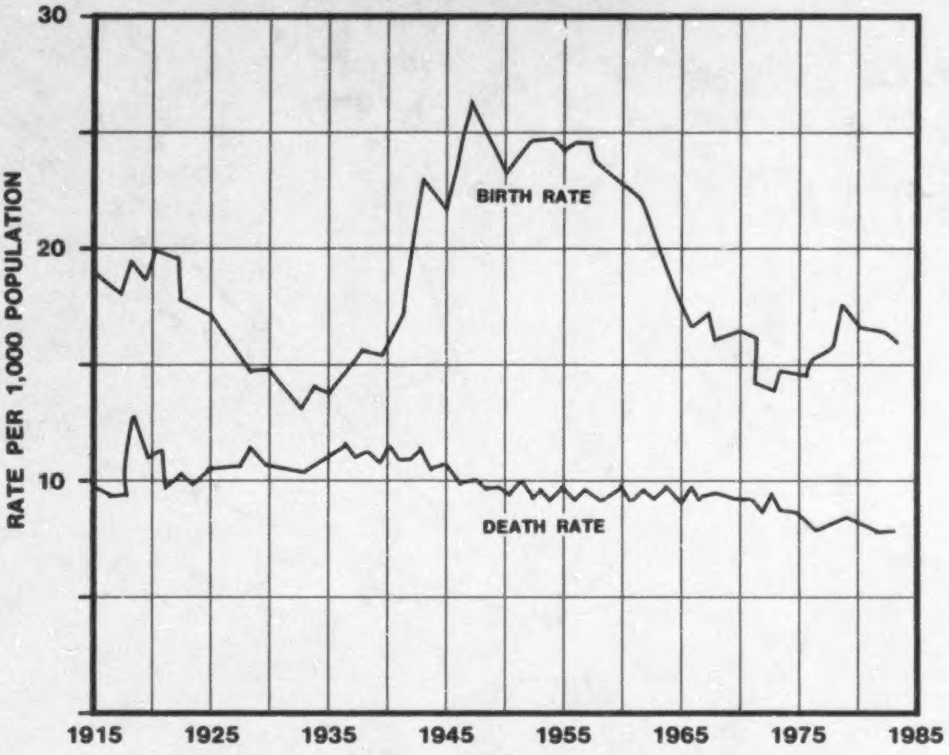
The number of maternal deaths decreased from eight in 1982 to six in 1983 with a corresponding lowering of the rate from 1.2 to 0.9 per 10,000 live births. For several years a maternal death study has been conducted by the Health Data Unit to assess the reporting of deaths due to maternal conditions. The results of these studies show that in 1979 there were eight maternal deaths; 1980, ten; 1981, seven; 1982, eight; and 1983, six. The rates were 1.2, 1.5, 1.0, 1.2, and 0.9, respectively. The Summary Table, page 28, has been updated accordingly.

Infant deaths declined in total from 744 to 653, an actual decrease of 91. This decrease reduced the rate from 10.7 to 9.5 per 1,000 live births. One third of the amount can be attributed to a decline in Sudden Infant Death Syndrome (SIDS) as a cause of death. However, there was similar reduction across all leading cause of death categories for infants.

Since 1981, both marriages and divorces have declined. There were 46,294 marriages in 1983; 1,934 fewer than the previous year. Divorces declined 496, from 27,795 to 27,299. The divorce rate for 1983 was 6.37 per 1,000 population; this compares to 6.51, the previous year.

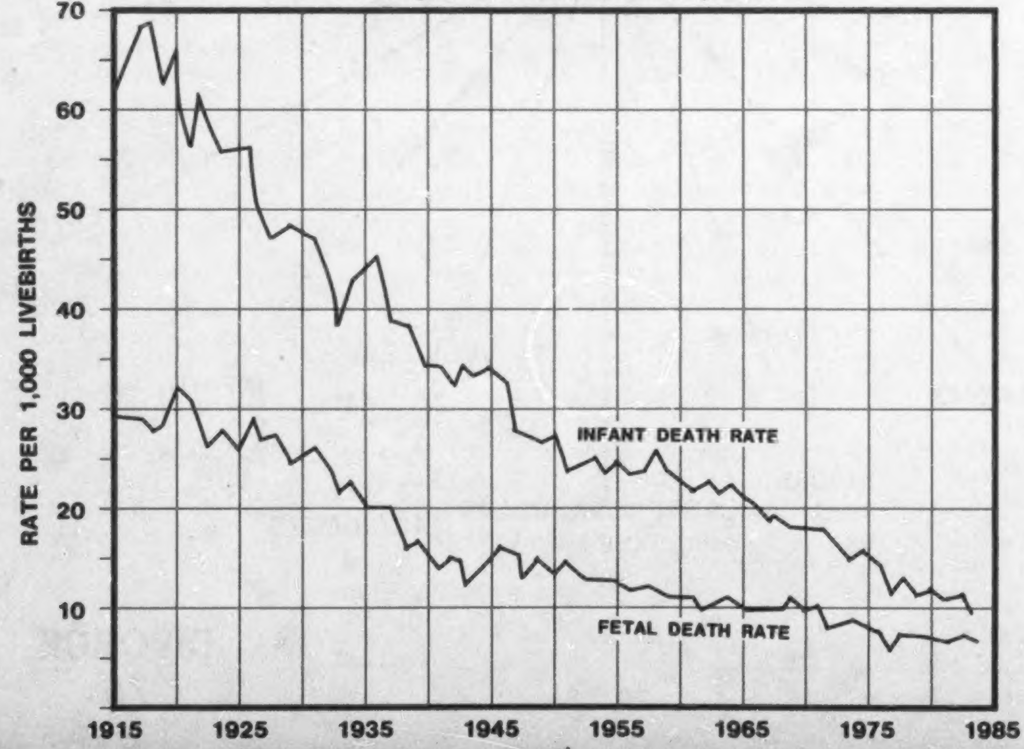
BIRTH and DEATH RATES
1915-1983

Washington Vital Statistics Summary, 1983

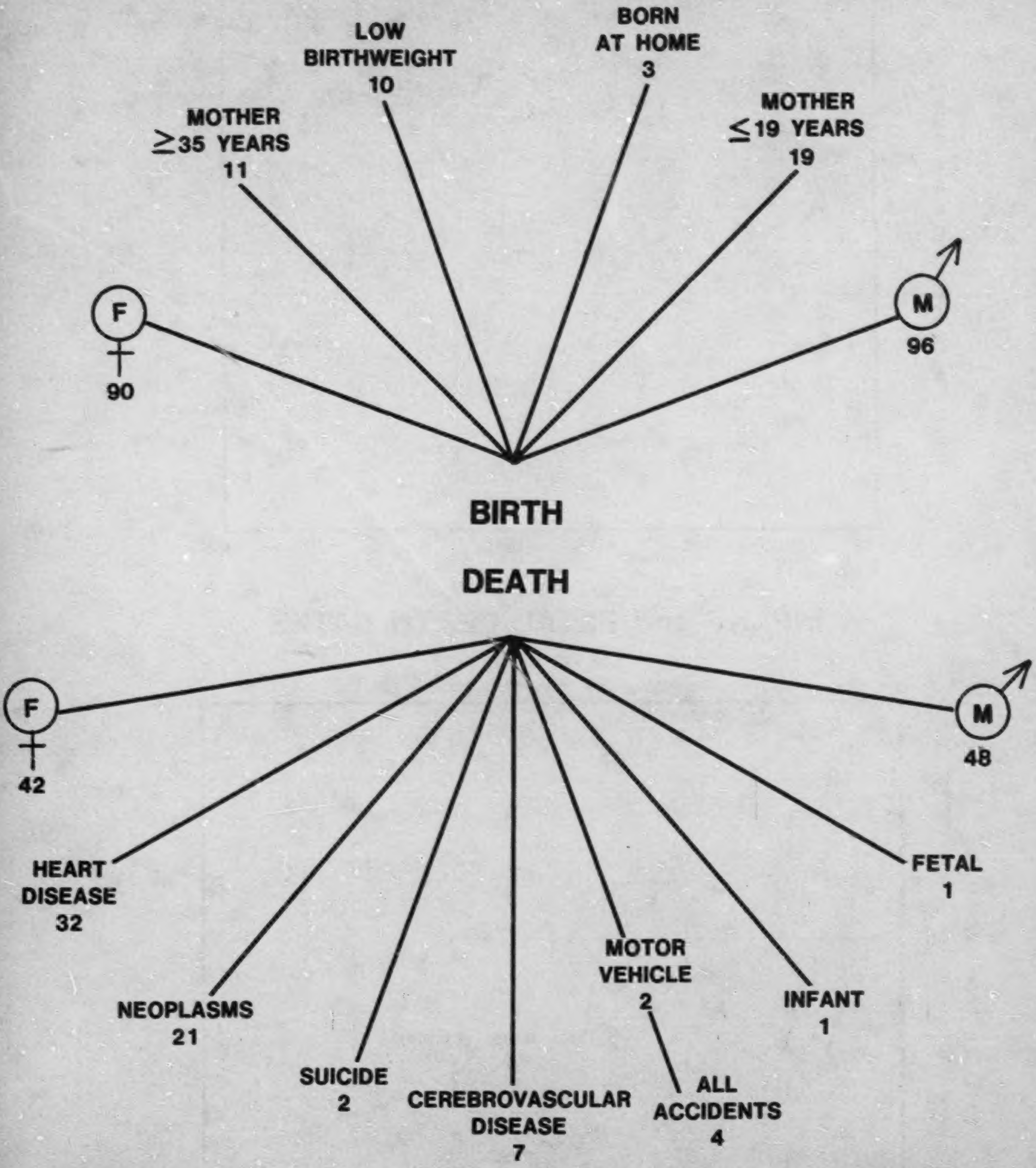


INFANT and FETAL DEATH RATES
1915-1983

Washington Vital Statistics Summary, 1983



DAILY EVENTS IN WASHINGTON STATE 1983


LOW BIRTHWEIGHT 10
BORN AT HOME 3
MOTHER ≥35 YEARS 11
MOTHER ≤19 YEARS 19
F 90
M 96
BIRTH
DEATH
F 42
M 48
HEART DISEASE 32
FETAL 1
MOTOR VEHICLE 2
NEOPLASMS 21
INFANT 1
SUICIDE 2
CEREBROVASCULAR DISEASE 7
ALL ACCIDENTS 4

MARRIAGE
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DIVORCE
75

ANALYSIS

PRESENTED THIS YEAR:
BIRTH WEIGHT RELATED TO MOTHER'S AGE, RACE, AND COMPLICATIONS

Birth weight is one of the most important (and readily measurable) indicators of infant health. Low birth weight infants* have a higher risk of dying in their first year than do normal birth weight infants. Even if they survive this period, they are more likely to have health problems in later life than are children of normal birth weight. Neonatal care can help infants survive but will not necessarily help them avoid the long-term consequences of low birth weight. Therefore all possible attempts should be made to prevent low birth weight.

Birth statistics help this prevention process by identifying characteristics which predispose a woman to having a low birth weight infant. Two of the most important characteristics identified thus far are non-white race and certain age groups (teenagers and older mothers). However, these characteristics are probably not risk factors in themselves, but instead are related to underlying problems which are the true risk factors.

To assist in identifying these problems, this analysis presents data on the interrelationship of age, race and complications accompanying the pregnancy. The analysis concentrates on four different age groups: young teens (≤17), older teens (18-19), women of optimum childbearing age (20-34), and older mothers (35+). Three racial categories are used: white, black, and other non-white. Blacks have been separated from other non-whites because of the relatively high incidence of low birth weight among black mothers (nearly twice that of other races).

---

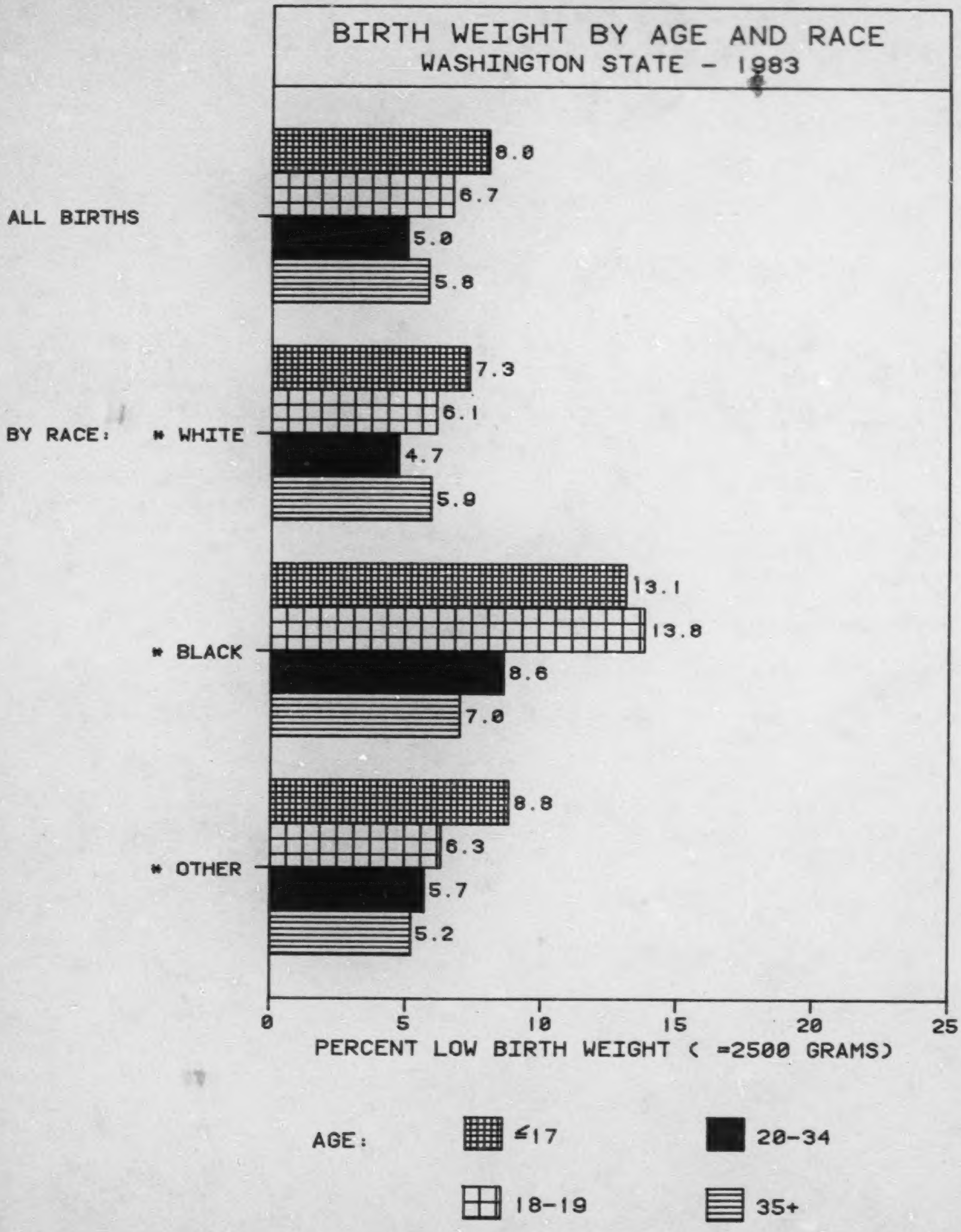
*Low birth weight is defined in this report as 2500 grams (5 lbs 8 oz) or less.

NATALITY

LOW BIRTH WEIGHT IS MORE PREVALENT IN TEENAGE, NON-WHITE MOTHERS

In Washington State, as elsewhere, young teens and black mothers of all ages are the most likely to bear a low birth weight infant. For example, in 1983, the incidence of low birth weight ranged from a low of 5% for whites in the optimum childbearing years (ages 20-34) to a high of 14% for blacks in their late teens.

Low birth weight can be caused by complications accompanying pregnancy. The role that such complications play in establishing the age/race differences seen here will be examined using birth certificate data. The Washington State birth certificate collects data on three types of complications accompanying pregnancy: complications related to pregnancy, complications not related to pregnancy, and complications of labor. Each of these types represents a different series of conditions, potentially affecting different age/race groups. Therefore, each type of complication is studied separately.



NATALITY

COMPLICATIONS RELATED TO PREGNANCY: YOUNG TEENAGERS HAVE THE HIGHEST RATES

Young teens develop complications related to their pregnancy nearly twice as often as do women in the optimum childbearing years. Young black teenage mothers are particularly vulnerable; more than 20% of them had complications related to pregnancy in 1983.

Two conditions account for most of the pregnancy complications among teenagers: pre-eclampsia and anemia. Pre-eclampsia is a condition of unknown etiology, generally more prevalent in women with poor nutrition or preexisting hypertension or vascular disease. If untreated, it can progress to eclampsia, which is a life-threatening condition. Anemia, also, is due to poor nutrition, most typically dietary iron deficiency.

The relatively high occurrence of anemia and pre-eclampsia in pregnant young teens may reflect the prevalence of poor nutrition in the teenage population. A national survey of young girls (aged 15-17) found that over half had diets poor in protein, iron, and vitamins A and C*.

Pre-eclampsia and anemia are of concern not only because they signal general poor health and potential maternal problems, but also because they are strongly associated with low birth weight. About 16% of births complicated by these conditions are of low birth weight, as compared to 5% of births where these conditions are absent.

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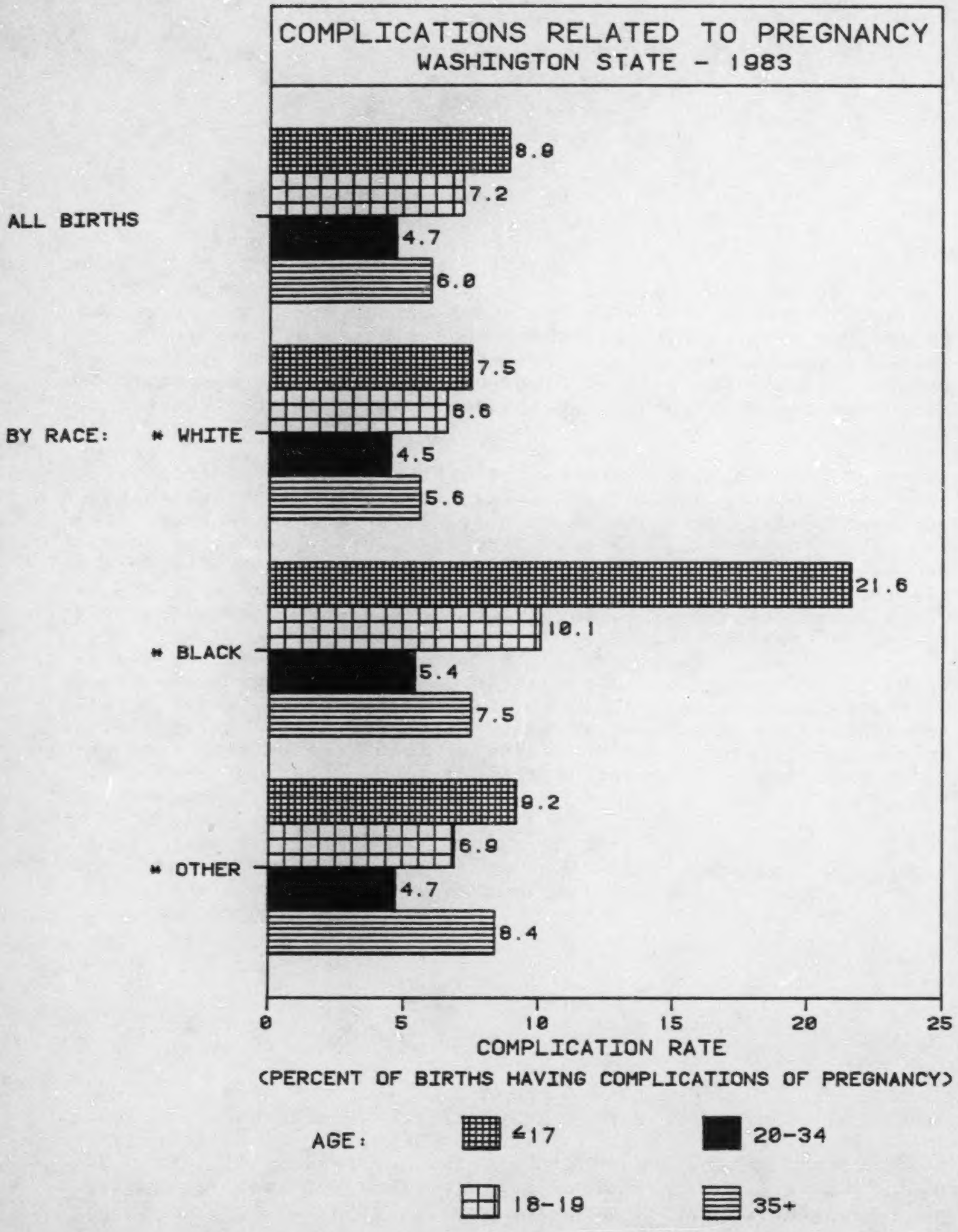
*Unpublished data from the National Center for Health Statistics, Health and Nutrition Examination Survey, 1971-1974.



COMPLICATIONS RELATED TO PREGNANCY
WASHINGTON STATE - 1983

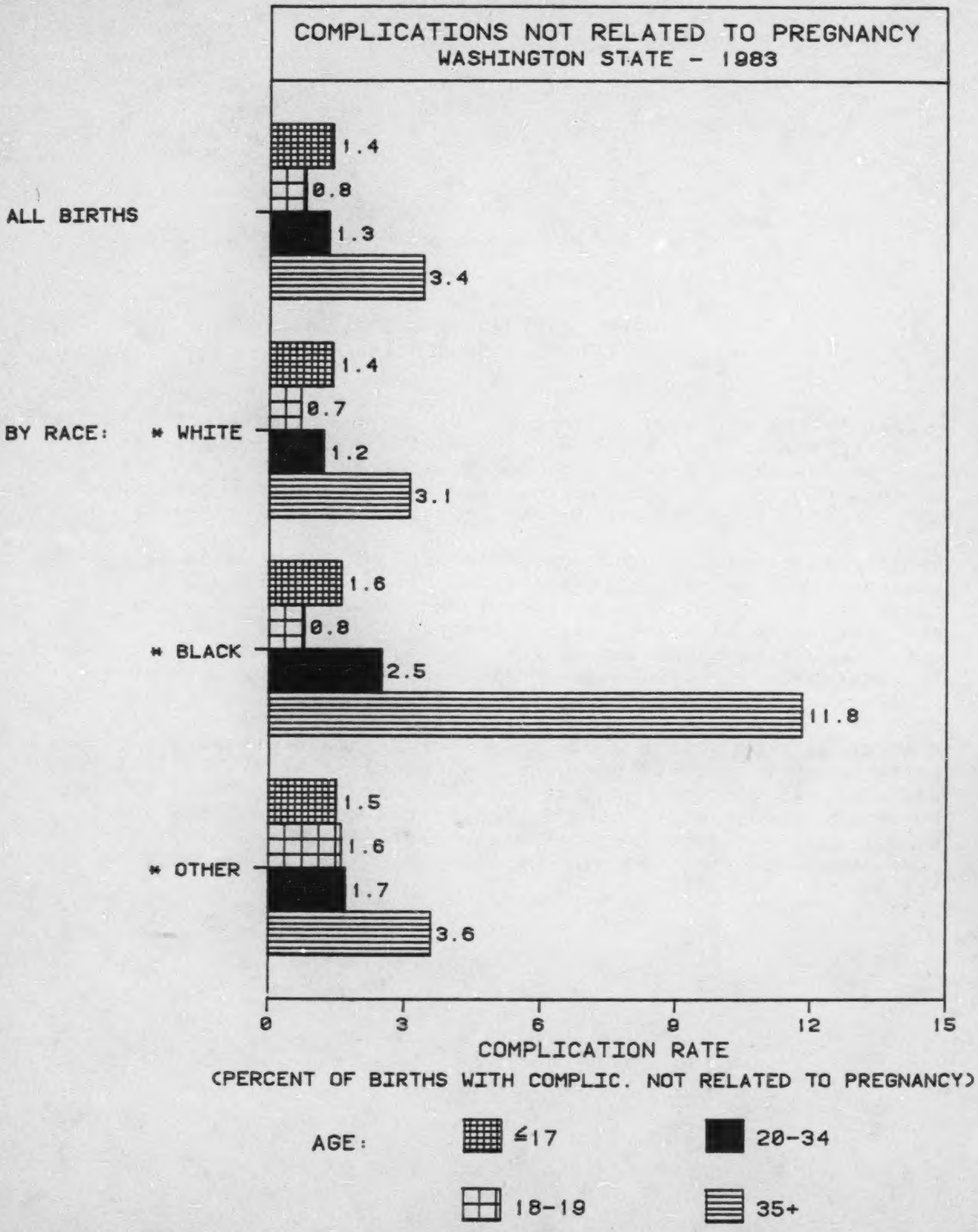
COMPLICATIONS NOT RELATED TO PREGNANCY: OLDER MOTHERS HAVE THE HIGHEST RATES

Complications not related to pregnancy are preexisting (often chronic) conditions which the woman brings into the pregnancy. In the general population, these conditions occur more often in older women. It is therefore not surprising that older women (aged 35+) are about three times as likely to have complications not related to pregnancy, compared to women of all younger age groups.

Chronic hypertension, diabetes, and symptomatic heart disease are the most common conditions in this category. These conditions are especially prevalent among older black mothers, being found in 11% of the births. Chronic hypertension in general is more of a health problem for blacks than for whites. A National Health Examination Survey conducted in 1971-75 found that 24% of the black women aged 35-44 had definite hypertension, as compared to 7% of white women in the same age group*.

Chronic hypertension in the mother can hamper the delivery of nutrients or oxygen to the fetus, causing intrauterine growth retardation and resulting in a low birth weight infant. Preterm labor and delivery, another cause of low birth weight, can also be a consequence of elevated maternal blood pressure.

*National Center for Health Statistics: Hypertension in Adults 25-74 Years of Age, United States, 1971-1975, by J. Roberts and M. Rowland. Vital and Health Statistics Series 11, No. 221. DHHS Pub. No. (PHS) 81-1671. Public Health Service, Washington. U. S. Government Printing Office, April, 1981.

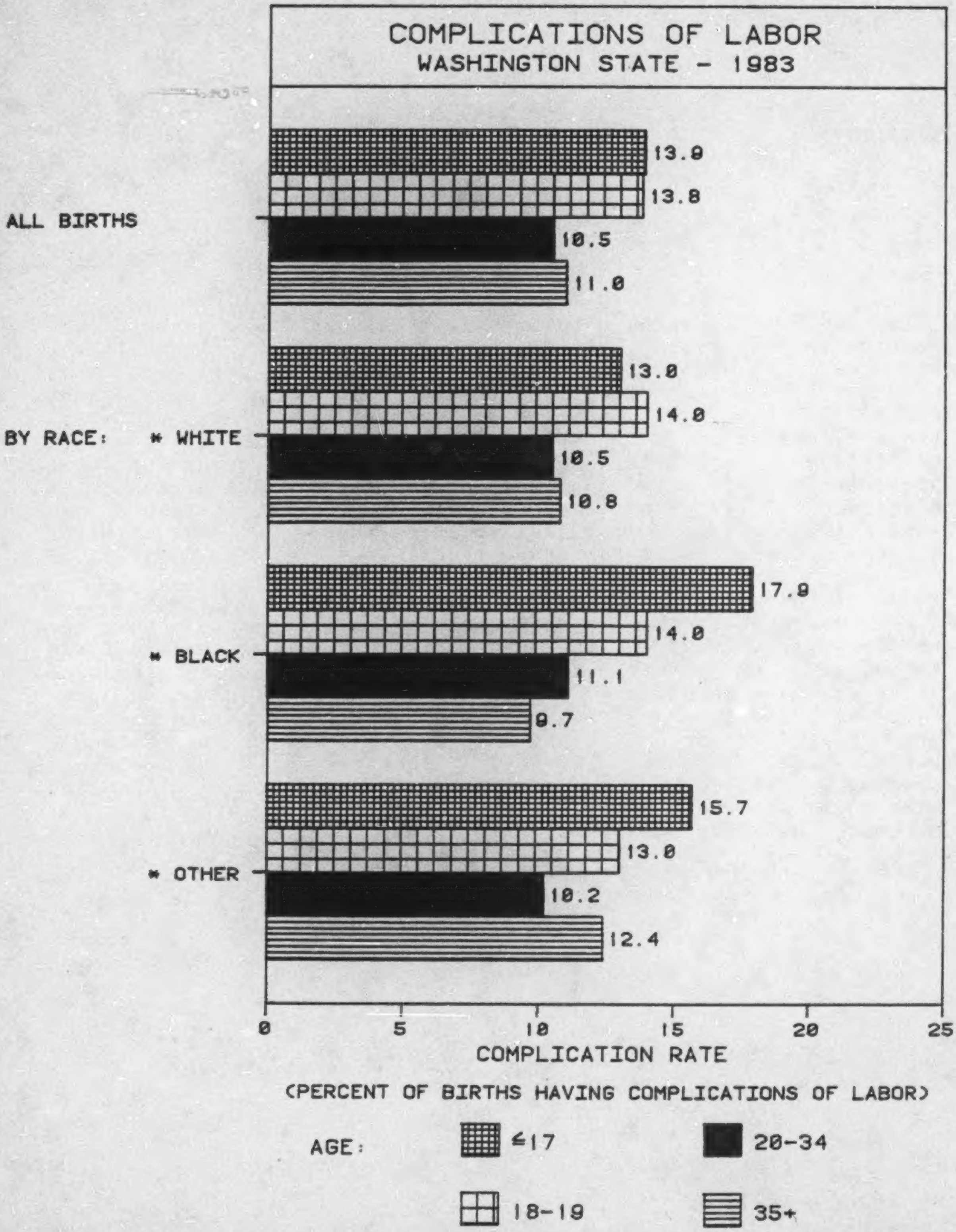


COMPLICATIONS NOT RELATED TO PREGNANCY
WASHINGTON STATE - 1983

COMPLICATIONS OF LABOR:
ALL AGE GROUPS HAVE SIMILAR RATES

Complications of labor, as a group, show the smallest age/race differences. The only condition having a distinct pattern was laceration, which occurs more often among teenagers. In contrast to most of the other conditions studied, lacerations are somewhat more common among deliveries of high birth weight infants.

Deliveries involving other complications of labor, such as breech presentation and abruptio placenta, frequently result in a low birth weight infant. In breech presentation, oxygen exchange to the fetus is decreased due to compression of the cord and an anoxic condition develops which can lead to intrauterine growth retardation. Bleeding generally occurs in cases of abruptio placenta. If this bleeding cannot be controlled, early delivery may be necessary to save the life of both mother and child. In this case, the infant would be premature and consequently of low birth weight. Breech presentation occurs in about 3% of births and abruptio placenta in less than 1%, regardless of age or race. However, abruptio placenta is one of the less reliably reported conditions. Comparison of birth certificate and hospital records shows a reporting rate of less than 50%, as compared to 91% for breech presentation.



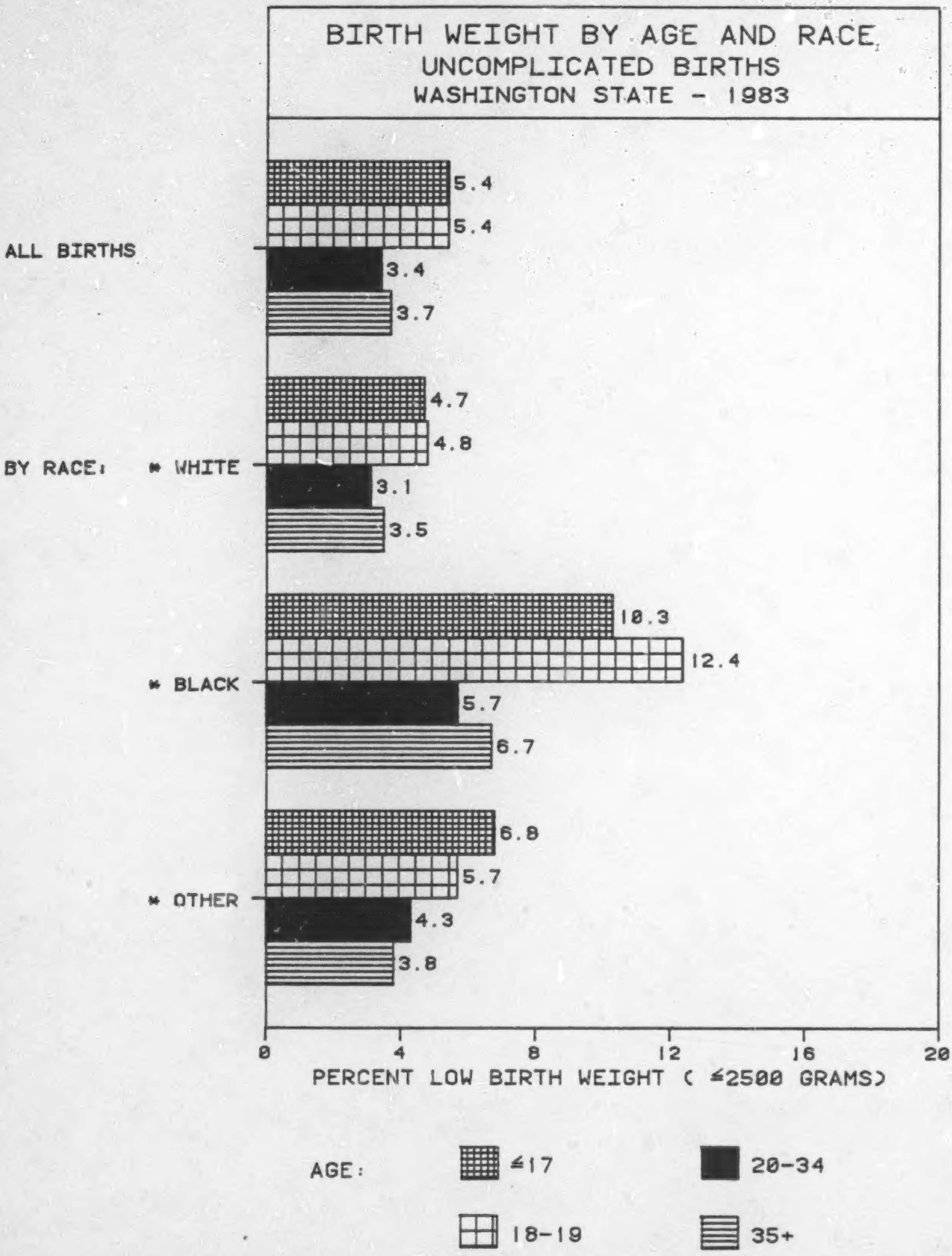
COMPLICATIONS OF LABOR
WASHINGTON STATE - 1983

UNCOMPLICATED BIRTHS:
AGE DIFFERENCES PERSIST

This analysis has shown that young teens and black mothers are particularly at risk, both for having a low birth weight infant and for developing complications during pregnancy. To what extent are these two effects related? This question can be answered by looking at outcomes for uncomplicated births, i.e., those for which no complications were specified on the certificate. Age and race differences are found, even for these uncomplicated births. For example, among young white teens, the frequency of low birth weight (5%) is significantly higher* than that for mothers in the optimum childbearing years (3%). Similar differences are found for other races.

Thus, teens and blacks have a higher chance of bearing a low birth weight infant even when their pregnancies are apparently uncomplicated. However, the conditions included in this analysis do not cover all possible complications. The nutrition problems of teens have been noted as a factor in the development of preeclampsia and anemia. Less extreme nutrition problems may not give rise to these conditions but may still affect the infant's birth weight. Other lifestyle factors, such as maternal smoking, may also be involved. A data item on maternal smoking was added to the Washington State birth certificate in 1984, allowing for investigation of this factor in subsequent analyses.

*$P(X^2) < .001$


BIRTH WEIGHT BY AGE AND RACE
UNCOMPLICATED BIRTHS
WASHINGTON STATE - 1983

CONCLUSION FROM ANALYSIS:
PROBLEM AREAS FOUND FOR CERTAIN GROUPS

Data on complications accompanying pregnancy help to explain why 20-34 is the optimum childbearing age. Mothers in this age group are less likely either to develop complications during the pregnancy or to enter pregnancy with preexisting medical conditions which complicate the pregnancy and can cause adverse outcome.

Teenagers and older mothers (particularly if they are black) are especially vulnerable to certain conditions: pre-eclampsia and anemia for teens, hypertension and diabetes among older women. This finding is of concern for several reasons:

a. Babies born to these mothers tend to have low birth weight, with its attendant morbidity and mortality.

b. Hypertension-related conditions such as pre-eclampsia and chronic hypertension are currently the leading cause of maternal mortality.

c. In addition to their effect on pregnancy outcome, these conditions generally indicate poor health. For example, women who develop pre-eclampsia have a higher incidence of hypertension in later life. For teenagers, this can mean not only many years of health problems for them, but also an increased possibility of adverse outcome for future pregnancies.

Even for births with no reported complications, adverse effects such as low birth weight occur preferentially in certain groups, notably teens and blacks. Possibly certain lifestyle factors, such as poor nutrition or maternal smoking, place these groups at higher risk.

It has been estimated that each dollar spent on prenatal care can save as much as $3.38* on specialized hospital care for low birth weight infants. Therefore, attempts to refine identification and treatment procedures for these high-risk groups would be beneficial from a financial as well as a health standpoint.

*Estimated by Institute of Medicine, as reported in Science News, March 2, 1985, Vol. 127, p. 134.

MORTALITY

PRESENTED THIS YEAR: RESIDUAL CAUSES OF DEATH

When death statistics were first compiled, early in this century, acute conditions (such as tuberculosis, enteritis, and diphtheria) were the leading causes of death. For this reason, published death statistics included data on acute conditions in great detail. On the other hand, many chronic conditions, relatively unimportant at that time, were grouped together under the heading "residual causes". These published categories have remained essentially unchanged, regardless of the fact that mortality patterns have changed substantially. As infectious and acute heart disease deaths decline and people live longer, these chronic conditions assume more importance as causes of death, yet many of them are still grouped together under residual causes. Thus, published statistics do not adequately reflect today's causes of death. This analysis section examines the residual cause category to see what conditions are included and how important they are as causes of death. This is a first step in the revision of published death statistics for Washington State.

MORTALITY

RESIDUAL CAUSE DEATHS INCREASE

Death rates from residual causes nearly doubled between 1968 and 1983, with about half of this increase occurring in the past five years. About 10% of the 1983 Washington State deaths were from residual causes, for both men and women. This relatively large number of deaths and the strong recent increase in residual cause death rates suggests the need to examine this category further.

Diseases of the respiratory system constitute the single most important disease category under residual causes, accounting for 40% of the residual cause deaths in 1983. Death rates from these "residual" respiratory system diseases exceed death rates from some of the typical leading causes of death, such as motor vehicle accidents.

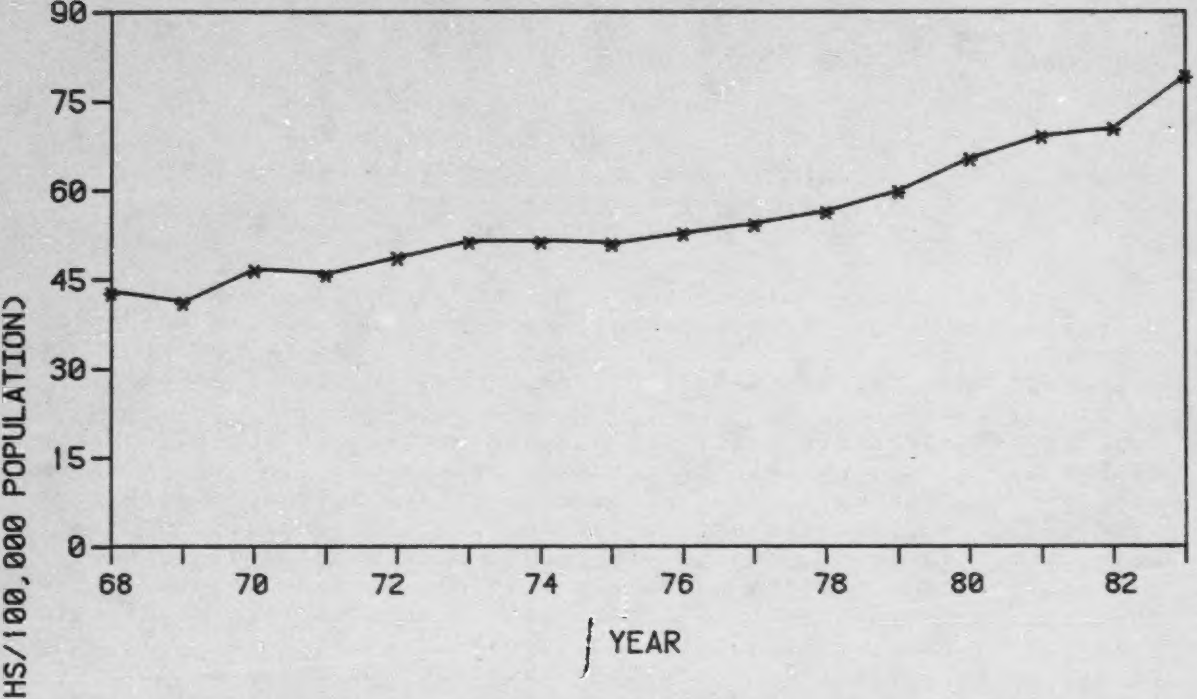
The increasing death rates noted above are seen only for four major disease groups: respiratory system, mental disorders, nervous system, and endocrine-metabolic disorders*. Further analysis will focus on these four groups.

---

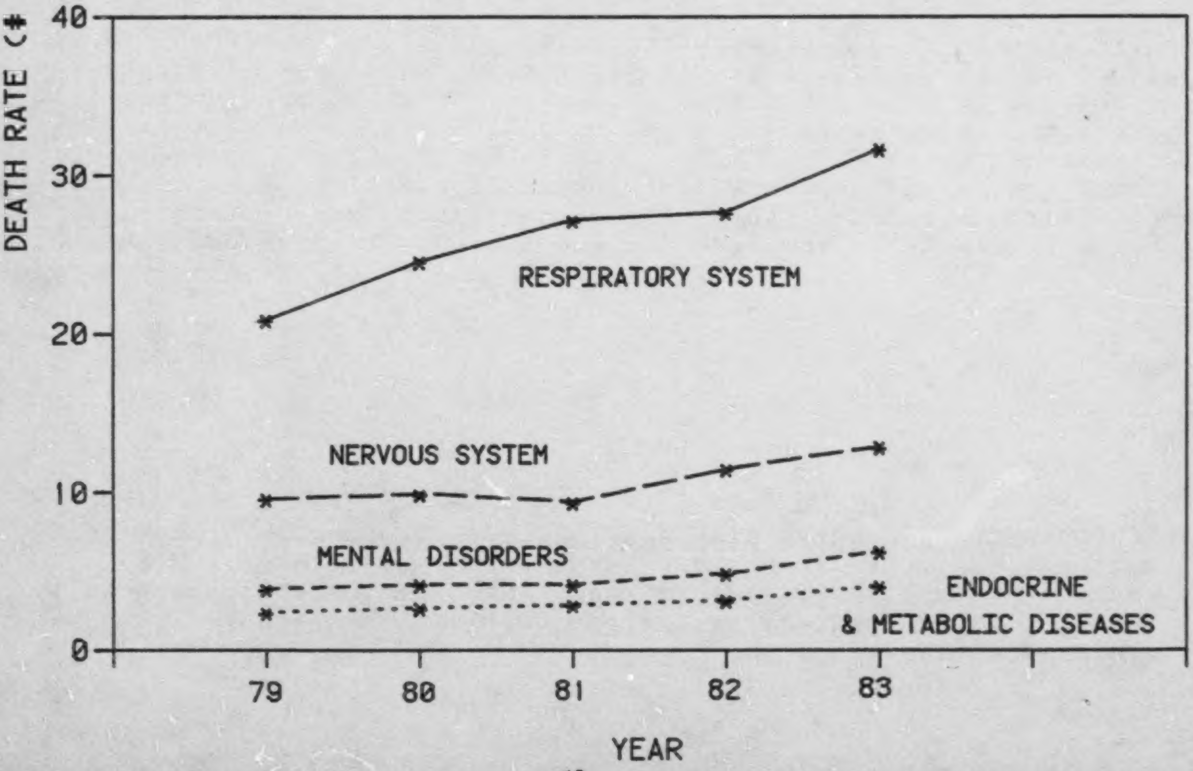
*Cause of death codes (International List Numbers) for these conditions are:

Respiratory System	460-519
Mental Disorders	290-319
Nervous System	320-389
Endocrine-Metabolic Disorders	240-279

RESIDUAL CAUSE DEATH RATES
WASHINGTON STATE, 1968 - 1983



SELECTED CONDITIONS GROUPED AS RESIDUAL CAUSES



CHRONIC RESPIRATORY DISEASES: DEATH RATES ARE INCREASING FOR WOMEN

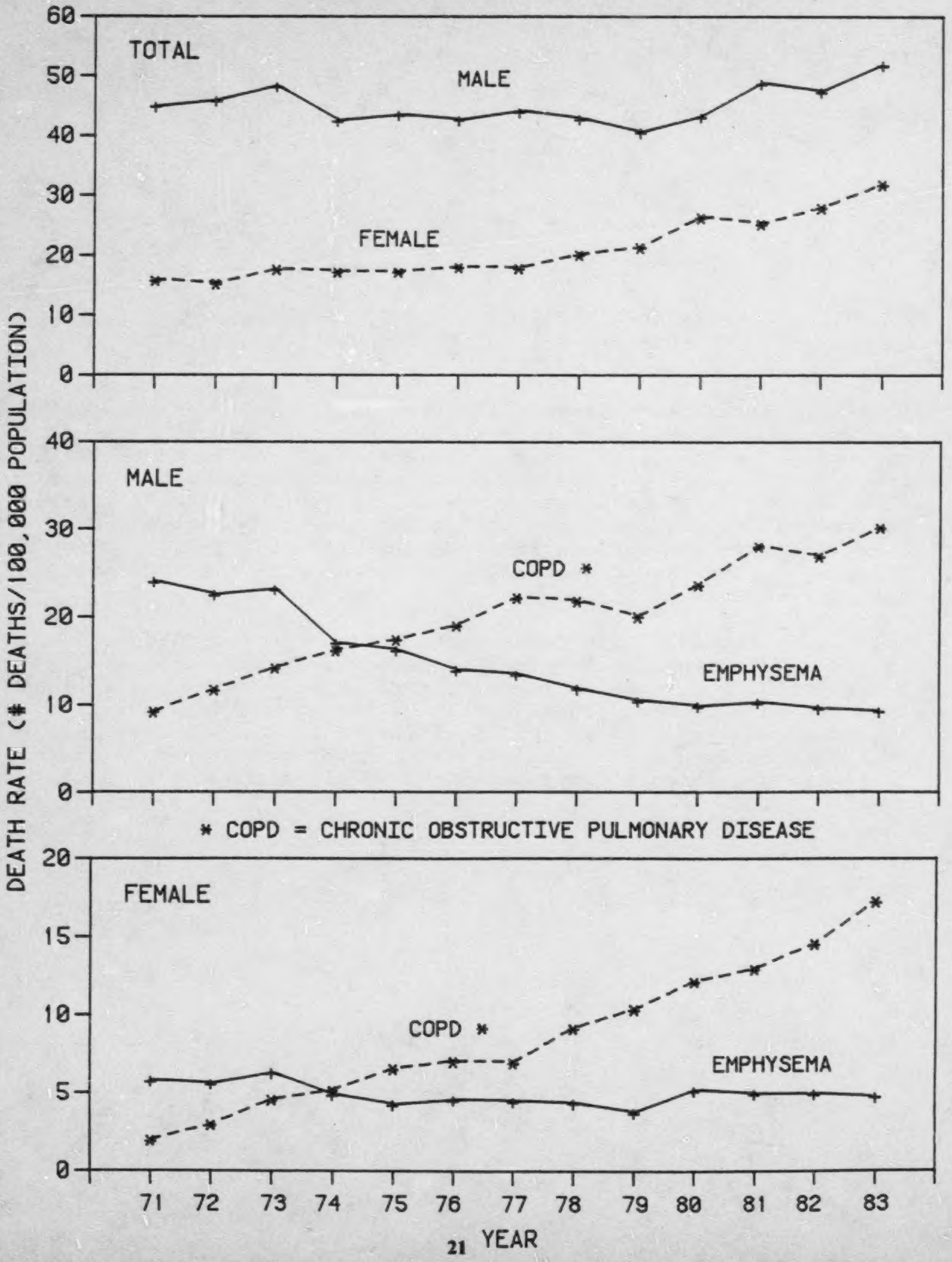
Respiratory diseases are either acute or chronic. Acute respiratory disease death rates fluctuate from year to year as epidemics occur. Since 1971, death rates from chronic respiratory diseases* have increased by 16% for men and doubled for women.

Most of the chronic respiratory disease deaths are due either to emphysema or to chronic obstructive pulmonary disease (COPD). Death rates for males show an inverse relation between emphysema and COPD, so that the sum of the two has been nearly constant over time. These two conditions can coexist and it may be difficult to decide which one is involved in any particular case. The observed pattern might thus be related to changing diagnostic practice caused by publicity about certain conditions. In any case, these data illustrate the importance of studying all related conditions. Otherwise, the trend observed for emphysema, for example, might lead to a mistaken conclusion that chronic respiratory disease death rates are decreasing for men.

For women, a different pattern is found. The large recent increase in deaths from COPD is not balanced by a decrease in emphysema deaths, and thus it may represent a real increase in chronic respiratory disease mortality. This increase is consistent with the sharp increase in the female lung cancer death rate noted in the 1982 Annual Summary. Both of these conditions are caused primarily by smoking. Thus, in addition to being needed for a complete study of chronic respiratory disease, data on COPD are also useful as an indicator of smoking-related mortality.

*Chronic respiratory diseases include bronchitis, emphysema, asthma, and chronic obstructive pulmonary disease (COPD, ICD codes 494-496). Of these, the first three have traditionally been published separately, whereas COPD has been grouped with the residual causes.

CHRONIC RESPIRATORY DISEASE DEATHS
WASHINGTON STATE, 1971 - 1983



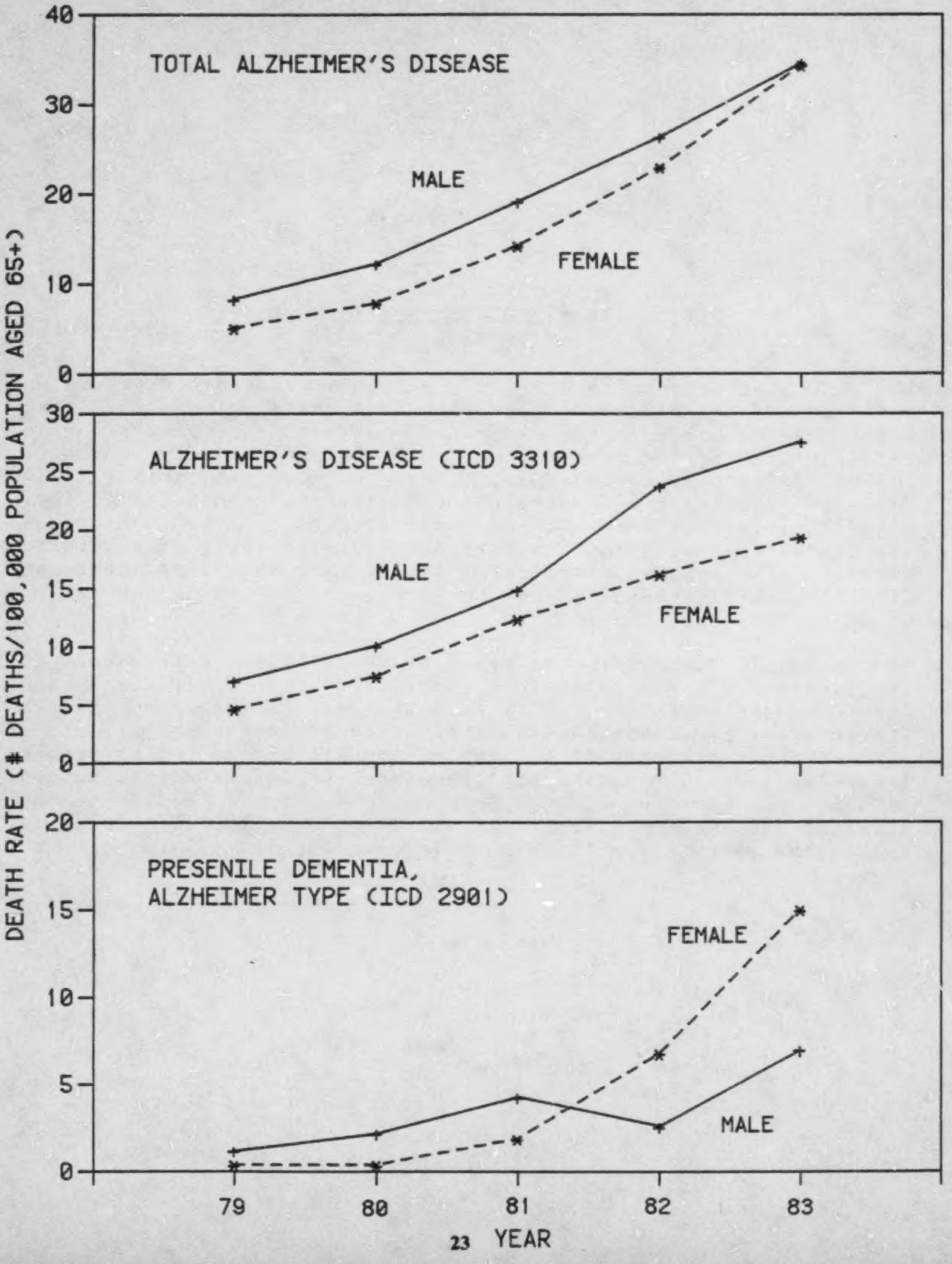
MORTALITY

MENTAL AND NERVOUS SYSTEM DISORDERS: ALZHEIMER'S DISEASE IS INCLUDED IN BOTH

Alzheimer's disease can be classified as either a nervous system disease or as a mental disorder (Alzheimer-type dementia). This condition is the major cause of recent increases in death rates from both mental and nervous system disorders. The overall Alzheimer's death rate has increased five-fold since 1979 (based on the 65+ population, the only group affected by this cause). This increase may reflect recent publicity given to Alzheimer's disease, rather than representing an increase in the incidence or fatality of this condition.

Male and female death rates from Alzheimer's disease are approximately equal. However, female deaths are more likely to be ascribed to Alzheimer-type dementia (the mental condition) than are male deaths. Nearly half of the female deaths were due to dementia, as compared to 20% of the male deaths. Thus, it is necessary to look at both the mental and nervous system disorders in order to form a complete picture of Alzheimer's Disease deaths.

ALZHEIMER'S DISEASE DEATHS IN THE 65+ POPULATION
WASHINGTON STATE, 1979 - 1983



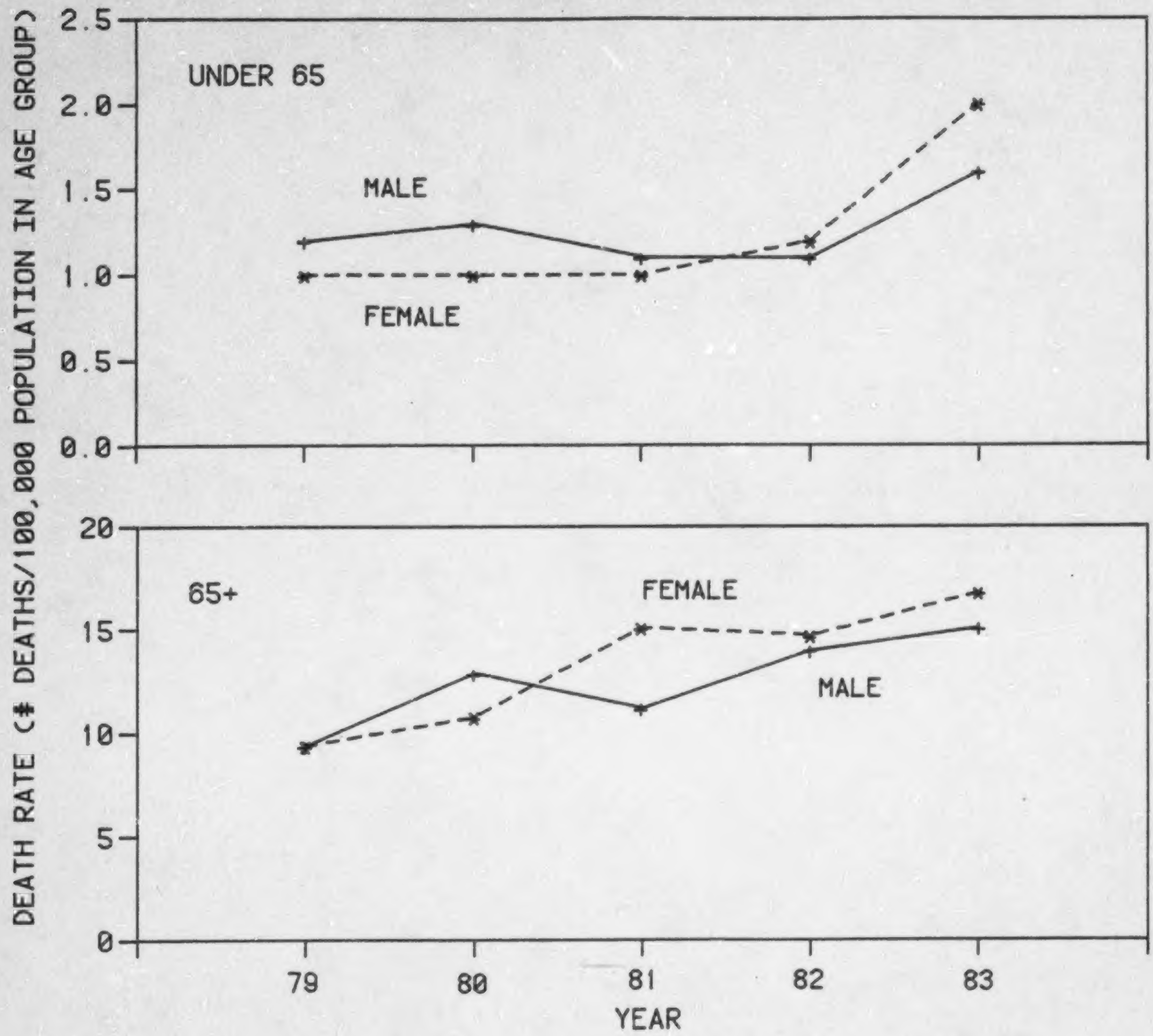
MORTALITY

METABOLIC DISORDERS:
DEATHS ARE INCREASING FOR THE ELDERLY

For the population 65 and older, metabolic disorder death rates have been increasing steadily, nearly doubling since 1979 for both men and women. Deaths in this age group are mainly due to dehydration and are most common among the very elderly (60% of the decedents were at least 85). Many death certificates in this category also mention contributory conditions such as "debilitation", "failure to thrive", and "loss of will to live". Although the number of deaths in this category are relatively small (75 in 1983), the increasing death rates are of concern. Some, but not all, of this increase is due to increasing relative numbers of those aged 85 and older.

In contrast, metabolic disorder death rates for the under 65 population have been relatively constant. The higher death rate seen in 1983 is due to an increase in deaths from cystic fibrosis, a hereditary disease primarily affecting the digestive and respiratory systems. Cystic fibrosis is the most common genetic disease among whites. The increase in death rates could be due to improved diagnostic procedures or it could be an artifact of the small numbers involved (<20 in 1983). Data for subsequent years may provide more information in this respect.

METABOLIC DISORDERS BY AGE GROUP
WASHINGTON STATE, 1979 - 1983



CONCLUSION FROM ANALYSIS: NEW CAUSE OF DEATH GROUPINGS NEEDED

Published cause of death groupings should be revised to take into account changing mortality patterns. In particular, deaths grouped as residual causes include too many diverse conditions affecting different subgroups of the population. Some of these residual causes (particularly chronic respiratory diseases) are increasing in importance as other causes diminish. Therefore, these conditions should be separated out so that they can be monitored.

Another reason for revising cause of death groupings is their effect on leading causes of death. A common way to display death statistics is by showing leading or major causes of death for different age groups (i.e., those causes accounting for the largest number of deaths). Obviously, the identity of these leading causes is strongly related to the way in which the causes are grouped. Currently, chronic respiratory diseases are underestimated as leading causes because a major cause of death, COPD, is grouped under residual causes. These residual causes are not considered when leading causes of death are determined. A revision of cause of death groups may thus change rankings for some causes, leading to a truer picture of major causes of death in Washington State.

SUMMARY OF THE NUMBER OF LIVE BIRTHS, DEATHS, DEATHS OF INFANTS UNDER ONE YEAR OF AGE, MATERNAL DEATHS, AND FETAL DEATHS, WITH RATES
WASHINGTON STATE 1920 - 1983

		Live Births		Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths	
Year	Population	Number	Rate*	Number	Rate*	Number	Rate**	Number	Rate***	Number	Ratio**
1920	1,367,000	27,072	19.8	15,164	11.1	1,797	66.4	249	92.0	888	32.8
1921	1,385,700	27,267	19.7	13,254	9.6	1,512	55.5	192	70.4	852	31.2
1922	1,407,100	25,378	18.0	14,249	10.1	1,566	61.7	190	74.9	731	28.8
1923	1,427,300	25,259	17.7	13,856	9.7	1,428	56.5	159	62.9	680	26.9
1924	1,447,200	25,378	17.5	14,580	10.1	1,426	56.2	167	65.8	711	28.0
1925	1,467,600	24,741	16.9	15,280	10.4	1,395	56.4	140	56.6	667	27.0
1926	1,487,600	23,989	16.1	15,670	10.5	1,352	56.4	174	72.5	719	30.0
1927	1,507,800	23,315	15.5	15,950	10.6	1,162	49.8	151	64.8	650	27.9
1928	1,528,200	23,161	15.2	16,723	10.9	1,115	48.1	175	75.6	641	27.7
1929	1,548,400	22,685	14.7	16,413	10.6	1,110	48.9	150	66.1	572	25.2
1930	1,568,000	23,019	14.7	16,678	10.6	1,122	48.7	148	64.3	601	26.1
1931	1,585,000	22,028	13.9	16,524	10.4	1,064	48.3	141	64.0	591	26.8
1932	1,602,500	21,379	13.3	16,581	10.3	967	45.2	139	65.0	530	24.8
1933	1,619,700	20,882	12.9	15,705	10.3	811	38.8	140	67.0	446	21.4
1934	1,636,900	22,484	13.7	17,456	10.7	968	43.1	105	46.7	520	23.1
1935	1,654,000	22,378	13.5	18,046	10.9	998	44.6	120	53.6	469	21.0
1936	1,671,400	23,354	14.0	19,057	11.4	1,064	45.6	115	49.2	468	20.0
1937	1,689,100	24,882	14.7	18,771	11.1	978	39.3	118	47.4	495	19.9
1938	1,706,000	26,702	15.7	18,514	10.9	1,035	38.8	94	35.2	440	16.5
1939	1,723,400	26,471	15.4	18,528	10.8	977	36.9	97	36.6	450	17.0
1940	1,752,400	27,952	16.0	19,837	11.3	969	34.7	89	31.8	459	16.4
1941	1,816,700	30,916	17.0	19,359	10.7	1,065	34.4	66	21.3	445	14.4
1942	1,880,700	38,744	20.6	20,190	10.7	1,278	33.0	78	20.1	606	15.6
1943	1,945,000	44,258	22.8	22,017	11.3	1,534	34.7	72	16.3	575	13.0
1944	2,009,600	44,246	22.0	21,144	10.5	1,493	33.7	72	16.3	607	13.7
1945	2,073,600	44,296	21.4	21,292	10.3	1,523	34.4	79	17.8	672	15.2
1946	2,137,600	51,941	24.3	21,620	10.1	1,723	33.2	65	12.5	869	16.7
1947	2,202,400	58,230	26.4	21,763	9.9	1,630	28.0	59	10.1	907	15.6
1948	2,266,400	55,460	24.5	21,925	9.7	1,525	27.5	36	6.5	776	14.0

Year	Population	Live Births		Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths	
		Number	Rate*	Number	Rate*	Number	Rate**	Number	Rate***	Number	Ratio**
1949	2,331,000	56,433	24.2	22,420	9.6	1,526	27.0	36	6.4	850	15.1
1950	2,378,963	55,755	23.4	22,450	9.4	1,526	27.4	28	5.0	799	14.3
1951	2,444,000	57,994	23.7	23,300	9.5	1,412	24.3	23	4.0	852	14.7
1952	2,496,100	61,436	24.6	22,874	9.2	1,522	24.8	15	2.4	857	13.9
1953	2,528,200	61,571	24.4	23,279	9.2	1,556	25.3	18	2.9	834	13.5
1954	2,566,000	62,703	24.4	23,238	9.1	1,514	24.1	29	4.6	829	13.2
1955	2,586,100	62,290	24.1	24,410	9.4	1,520	24.4	16	2.6	806	12.9
1956	2,651,900	64,999	24.5	24,207	9.1	1,524	23.4	13	2.0	777	12.0
1957	2,712,700	65,982	24.3	25,140	9.3	1,596	24.2	20	3.0	793	12.0
1958	2,767,900	65,574	23.7	25,429	9.2	1,707	26.0	11	1.7	764	11.7
1959	2,819,000	65,729	23.3	26,229	9.3	1,570	23.9	9	1.4	749	11.4
1960	2,853,214	65,251	22.9	26,505	9.3	1,528	23.4	17	2.6	738	11.3
1961	2,897,000	65,013	22.4	26,353	9.1	1,467	22.6	19	2.9	756	11.6
1962	2,948,000	64,812	22.0	27,343	9.3	1,476	22.8	6	0.9	704	10.9
1963	2,972,000	61,013	20.5	27,550	9.3	1,339	21.9	10	1.6	657	10.8
1964	3,008,000	57,148	19.0	28,106	9.3	1,277	22.3	7	1.2	637	11.1
1965	3,065,000	52,806	17.2	27,379	8.9	1,130	21.4	15	2.8	639	12.1
1966	3,125,000	51,777	16.6	29,035	9.3	1,084	20.9	13	2.5	554	10.7
1967	3,229,000	54,875	17.1	29,302	9.1	1,050	19.1	12	2.2	573	10.4
1968	3,329,000	57,206	17.2	30,360	9.1	1,120	19.6	8	1.4	620	10.8
1969	3,365,000	59,354	17.6	30,504	9.1	1,118	18.8	12	2.0	651	11.0
1970	3,409,169	60,499	17.7	29,901	8.8	1,135	18.8	9	1.5	640	10.6
1971	3,433,000	55,304	16.1	30,318	8.8	1,008	18.2	5	0.9	574	10.4
1972	3,418,800	48,250	14.1	29,747	8.7	805	17.0	6	1.2	428	8.8
1973	3,424,300	47,636	13.9	30,751	9.0	781	16.4	3	0.6	430	9.0
1974	3,448,100	50,096	14.5	29,773	8.6	763	15.2	4	0.8	450	9.0
1975	3,494,124	50,821	14.5	29,778	8.5	798	15.7	5	1.0	421	8.3
1976	3,571,600	53,004	14.8	30,275	8.5	765	14.4	3	0.6	439	8.3
1977	3,661,975	57,256	15.6	29,789	8.1	696	12.2	5	0.9	426	7.4
1978	3,774,294	58,725	15.6	30,469	8.1	737	12.6	4	0.7	465	7.9
1979	3,911,200	64,377	16.5	30,418	7.8	737	11.4	8	1.2	466	7.2
1980	4,130,163	67,857	16.4	32,012	7.8	798	11.8	10	1.5	533	7.9
1981	4,250,123	69,756	16.4	32,022	7.5	731	10.5	7	1.0	489	7.0
1982	4,264,000	69,529	16.3	32,309	7.6	744	10.7	8	1.2	501	7.2
1983	4,285,100	68,705	16.0	32,631	7.6	653	9.5	6	0.9	474	6.9

*Per 1,000 Population **Per 1,000 Live Births ***Per 10,000 Live Births

1961-1969 population figures are revised estimates provided by the Office of Program Planning and Fiscal Management.

1979-1982 maternal death figures are revised totals based on studies conducted by the Health Data Unit.

NATALITY

TABLE 1

LIVE BIRTHS IN WASHINGTON STATE BY SELECTED TOPICS, 1983

A. RESIDENCE, BY RACE BY SEX

	Total	Male	Female
Total	68,705	35,360	33,345
White	58,254	29,981	28,273
Black	3,039	1,522	1,517
Mexican/ Chicano	2,193	1,127	1,066
Indian	1,613	826	787
Japanese	387	205	182
Chinese	319	161	158
Filipino	691	352	339
Other Asian	1,991	1,068	923
Other	20	14	6
Unknown	198	104	94

B. RESIDENCE, BY MOTHER'S AGE GROUP BY SEX

	Total	Male	Female
Total	68,705	35,360	33,345
Under 15	86	42	44
15 - 19	7,066	3,629	3,437
20 - 24	21,614	11,167	10,447
25 - 29	22,874	11,778	11,096
30 - 34	12,924	6,627	6,297
35 - 39	3,658	1,874	1,784
40 - 44	445	224	221
45 and Over	21	10	11
Unknown	17	9	8

C. RESIDENCE, BY ORDER OF BIRTH TO MOTHER

		%*
Total	68,705	100.0
1st child	28,159	41.0
2nd child	22,367	32.6
3rd child	10,333	15.0
4th child	3,741	5.4
5th child	1,321	1.9
6th child	548	0.8
7th child	219	0.3
8th child	140	0.2
9th child	70	0.1
10th or more	78	0.1
Unknown	1,729	2.5

D. RESIDENCE, BY ATTENDANT

		%*
Total	68,705	100.0
M.D.	63,950	93.1
Midwife	2,196	3.2
Osteopath	1,293	1.9
Nurse	386	0.6
Father	123	0.2
Mother	11	0.0
Other	348	0.5
Unknown	398	0.6

E. RESIDENCE, MULTIPLE LIVE BIRTHS

Sets of twins	710
Sets of triplets	7

F. TYPE OF PLACE BY OCCURRENCE

		%*
Total	68,073	100.0
General Hospital	61,509	90.4
Federal Facility	4,385	6.4
Home	1,179	1.7
Birth Center	627	.9
Born on Arrival	58	.1
Other and Unknown	315	.5

TABLE 1 (Cont'd)

LIVE BIRTHS IN WASHINGTON STATE BY SELECTED TOPICS, 1983

G. RESIDENCE AND OCCURRENCE, BY SEX BY BIRTH WEIGHT IN GRAMS

	RESIDENCE			OCCURRENCE		
	Total	Male	Female	Total	Male	Female
Total	68,705	35,360	33,345	68,073	35,076	32,997
1,000 grams and under	285	138	147	275	131	144
1,001 - 1,500	312	164	148	315	168	147
1,501 - 2,000	700	330	370	702	337	365
2,001 - 2,500	2,308	1,071	1,237	2,295	1,065	1,230
2,501 - 3,000	8,683	3,749	4,934	8,591	3,717	4,874
3,001 - 3,500	23,909	11,232	12,677	23,694	11,119	12,575
3,501 - 4,000	22,680	12,406	10,274	22,459	12,311	10,148
4,001 - 4,500	7,855	4,887	2,968	7,784	4,855	2,929
4,501 and Over	1,911	1,352	559	1,897	1,343	554
Unknown	62	31	31	61	30	31

H. RESIDENCE AND OCCURRENCE, LIVE BIRTHS AND FETAL DEATHS BY MONTH

	LIVEBIRTHS		FETAL DEATHS	
	Residence	Occurrence	Residence	Occurrence
Total	68,705	68,073	474	482
January	5,548	5,494	52	53
February	5,221	5,192	31	31
March	6,123	6,082	34	34
April	5,971	5,927	32	34
May	6,164	6,092	40	40
June	5,748	5,696	45	46
July	6,054	5,982	45	46
August	5,897	5,786	47	48
September	5,697	5,646	38	37
October	5,448	5,438	20	21
November	5,397	5,344	46	48
December	5,437	5,394	44	44

*Detail may not add to 100% due to rounding.

TABLE 2: LIVEBIRTH INTER-COUNTY TRAVEL PATTERNS,

OCCURRENCE →

RESIDENCE ↓	ADAMS	ASOTIN	BENTON	CHELAN	CLALLAM	CLARK	COLUMBIA	COWLITZ	DOUGLAS	FERRY	FRANKLIN	GARFIELD	GRANT	GRAYS HARBOR	ISLAND	JEFFERSON	KING
ADAMS	[illegible]		17	1							2		25				
ASOTIN		11	1														
BENTON			[illegible]								121		3				4
CHELAN				[illegible]	1												21
CLALLAM					[illegible]									4		2	24
CLARK						2061		11									5
COLUMBIA						1	[illegible]	11									
COWLITZ				1		48		1134									3
DOUGLAS			1	292					1				2				7
FERRY				1						[illegible]			5				
FRANKLIN	45		427								[illegible]		6				1
GARFIELD			1									[illegible]					
GRANT	47		16	161				1			1		[illegible]				9
GRAYS HARBOR					1	1								[illegible]			26
ISLAND															[illegible]		40
JEFFERSON					19									4		[illegible]	9
KING			1	1		1							1				[illegible]
KITSAP				1	2			1							3		239
KITTITAS				3									1				11
KLICKITAT						1											
LEWIS			1			2		56						1			2
LINCOLN	1												5				
MASON														7			10
OKANOGAN				5						4			26				2
PACIFIC						2		7						57			4
PEND OREILLE																	
PIERCE					1			1								2	504
SAN JUAN					1										1		12
SKAGIT								1					1		9		38
SKAMANIA						17											
SNOHOMISH				4											4		1751
SPOKANE	2		2	1				1					1				3
STEVENS			1														
THURSTON								1						3			18
WAHKIAKUM						1		40									
WALLA WALLA			30				6				12						4
WHATCOM																	22
WHITMAN	3																1
YAKIMA			153								2		1				9
OUT-OF-STATE		7	23	2	1	42		143			8	1	2	4	3		81

WASHINGTON STATE RESIDENTS AND OCCURRENCES, 1983.

KITSAP	KITTITAS	KLICKITAT	LEWIS	LINCOLN	MASON	OKANOGAN	PACIFIC	PEND OREILLE	PIERCE	SAN JUAN	SKAGIT	SKAMANIA	SNOHOMISH	SPOKANE	STEVENS	THURSTON	WAHKIAKUM	WALLA WALLA	WHATCOM	WHITMAN	YAKIMA	OUT-OF-STATE
				4							1			69							3	
														4						6		222
									2				1	19				10			82	16
						22			1					2								
1									2				2									2
		1																				967
														1				18				1
			4				3		1							1						77
						39								3								1
				1		3					1			17	29							4
														21				17		2	4	5
														1				2		2		16
	9			2		6			2					67		1			1		17	2
1			24		3		26		18				1			242						2
									13		68		30									1
3					1				4							1						1
8	3		1			2			693		5		329	1		5		1	4		4	33
[illegible]					3				324		3		19								1	12
	[illegible]		1										1								57	
		134									1										12	113
		1	723						32							85		1			1	5
				[illegible]										84	1						1	
71					[illegible]				39				2			145					1	
				1		[illegible]	1							19								12
			5				77		1							8						84
								[illegible]						42	6							10
61			1						[illegible]				5			32		1				19
1										[illegible]	48		1						9			
											[illegible]		12						9		3	4
		23	1									[illegible]										61
1									8		142		[illegible]	1					3		1	12
				2				1	1					[illegible]	3						1	34
				5					1				1	176	[illegible]	2				1		9
3			101		1				342							[illegible]			1		1	7
																	[illegible]					3
														2				[illegible]			1	8
									1		94		1	1					[illegible]	1	1	11
														71						[illegible]		30
						1			1					3		1		2			[illegible]	9
2		37	4	1	2	1	1	33	23		4		8	282	3	2		323	5	106	7	[illegible]

TABLE 3

LIVE BIRTHS WITH RATES BY PLACE OF RESIDENCE BY SEX, AND OCCURRENCE, WASHINGTON STATE 1983

	RESIDENCE				OCCURRENCE	
COUNTY AND CITY	NUMBER	RATE	MALE	FEMALE	NUMBER	RATE
STATE TOTALS	68,705	16.0	35,360	33,345	68,073	15.9
ADAMS	298	21.9	151	147	274	20.1
ASOTIN	244	14.5	127	117	18	1.1
BENTON	2,105	19.4	1,104	1,001	2,521	23.2
KENNEWICK	917	25.7	480	437	855	23.9
RICHLAND	487	15.2	247	240	1,355	42.3
CHELAN	830	17.8	443	387	1,256	27.0
WENATCHEE	338	19.7	182	156	1,103	64.3
CLALLAM	791	15.2	422	369	780	14.9
PORT ANGELES	280	16.4	148	132	653	38.2
CLARK	3,045	15.2	1,518	1,527	2,177	10.9
VANCOUVER	1,168	27.4	588	580	2,157	50.6
COLUMBIA	55	13.8	24	31	29	7.3
COWLITZ	1,252	15.8	657	595	1,388	17.5
KELSO	219	19.9	119	100	3	.3
LONGVIEW	508	16.9	261	247	1,382	46.1
DOUGLAS	346	15.4	174	172	1	
FERRY	110	18.0	59	51	13	8.7
FRANKLIN	866	24.1	432	434	484	13.4
PASCO	547	28.6	283	264	482	25.2
GARFIELD	42	17.5	17	25	21	8.8
GRANT	963	19.6	504	459	700	14.3
MOSES LAKE	200	19.4	99	101	538	52.0
GRAYS HARBOR	1,016	15.4	510	506	751	11.4
ABERDEEN	268	14.8	135	133	685	38.0
ISLAND	883	18.8	456	427	751	16.0
OAK HARBOR	330	27.2	171	159	412	33.9
JEFFERSON	204	12.1	102	102	166	9.9
KING	18,627	14.2	9,621	9,006	20,394	15.5
AUBURN	553	19.1	271	282	570	19.7
BELLEVUE	830	11.2	442	388	2,034	27.5
DES MOINES	68	6.6	32	36	1	.1
KENT	533	20.9	278	255	21	.8
KIRKLAND	350	18.6	174	176	1,011	53.6
MERCER ISLAND	157	7.4	84	73	1	
REDMOND	405	15.4	207	198	1,812	68.9
RENTON	597	18.3	287	310	1,930	59.0
SEATTLE	6,610	13.5	3,427	3,183	12,629	25.8
KITSAP	2,903	18.0	1,486	1,417	2,447	15.1
BREMERTON	866	24.4	434	432	2,373	66.9
KITTITAS	334	13.4	167	167	272	10.9
ELLENSBURG	144	12.5	78	66	252	21.8
KLICKITAT	281	17.2	154	127	216	13.3
LEWIS	910	16.3	487	423	865	15.4
CENTRALIA	236	20.2	129	107	417	35.6
LINCOLN	134	14.0	73	61	58	6.0
MASON	490	14.6	260	230	225	6.7
OKANOGAN	605	19.2	314	291	608	19.3
PACIFIC	240	13.6	116	124	103	5.9
PEND OREILLE	120	13.5	59	61	96	10.8
PIERCE	9,218	18.2	4,754	4,464	10,100	19.9
PUYALLUP	309	16.7	154	155	1,208	65.1
TACOMA	2,955	18.7	1,537	1,418	8,662	54.7
SAN JUAN	105	12.1	57	48	32	3.7
SKAGIT	1,056	16.0	563	493	1,346	20.4
MOUNT VERNON	265	19.5	130	135	889	65.4
SKAMANIA	108	13.8	55	53	6	.8
SNOHOMISH	6,100	16.9	3,144	2,956	4,586	12.7
EDMONDS	400	14.8	218	182	1,667	61.7
EVERETT	1,299	23.1	674	625	2,380	42.3
LYNNWOOD	578	25.1	296	282	17	.7
MOUNTLAKE TERRACE	269	16.8	138	131	11	.7
SPOKANE	5,547	15.9	2,847	2,700	6,381	18.3
SPOKANE (CITY)	3,006	17.7	1,547	1,459	5,888	34.6
STEVENS	499	16.8	237	262	345	11.6
THURSTON	2,165	16.2	1,122	1,043	2,212	16.6
LACEY	255	18.2	120	135	4	.3
OLYMPIA	628	22.4	335	293	2,203	78.7
WAHKIAKUM	44	11.9	26	18		
WALLA WALLA	743	15.4	386	357	1,055	21.9
WALLA WALLA (CITY)	428	16.7	229	199	1,047	40.9
WHATCOM	1,658	14.8	839	819	1,558	13.9
BELLINGHAM	608	13.2	306	302	1,531	33.4
WHITMAN	452	11.3	238	214	465	11.7
PULLMAN	222	9.7	104	118	393	17.1
YAKIMA	3,316	18.7	1,655	1,661	3,332	18.8
YAKIMA (CITY)	927	19.1	433	494	2,336	48.2

TABLE 4

LIVE BIRTHS BY RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	TOTAL	WHITE	BLACK	MEXICAN/ CHICANO	INDIAN	JAPA- NESE	CHI- NESE	FILI- PINO	OTHER ASIAN	OTHER	UNKNOWN
STATE TOTALS	68,705	58,254	3,039	2,193	1,613	387	319	691	1,991	20	198
ADAMS	298	275	1	20	1				1		
ASOTIN	244	231	1		2			1			9
BENTON	2,105	1,820	21	172	17	7	7	8	52	1	
KENNEWICK	917	807	8	62	6	1	3	4	25	1	
RICHLAND	487	439	7	9	6	2	4	2	18		
CHELAN	830	708	3	107	5		1	2	3	1	
WENATCHEE	338	303	2	26	4			1	2		
CLALLAM	791	710	4	8	54	1		5	5		4
PORT ANGELES	280	256	2	1	13	1		3	3		1
CLARK	3,045	2,825	63	36	36	3	1	10	62		9
VANCOUVER	1,168	1,040	40	15	23			7	39		4
COLUMBIA	55	50		5							
COWLITZ	1,252	1,217	1	3	9		1	1	18		2
KELSO	219	213	1	1	1				2		1
LONGVIEW	508	490			4				13		1
DOUGLAS	346	300		43	1	1			1		
FERRY	110	74			32						4
FRANKLIN	866	599	35	207	4	2	1		17		1
PASCO	547	309	34	182	4	2	1		15		
GARFIELD	42	40		2							
GRANT	963	857	7	70	9	4	2	4	9	1	
MOSES LAKE	200	172	2	18	1	1		2	4		
GRAYS HARBOR	1,016	913	2	11	67	3	3	8	5	1	3
ABERDEEN	268	244	1	2	13	1	2	2	2		1
ISLAND	883	789	34	7	8	3		6	36		
OAK HARBOR	330	271	24	3	5	2		3	22		
JEFFERSON	204	195		2	5			1	1		
KING	18,627	15,037	1,372	145	304	199	222	350	925	7	66
AUBURN	553	504	8	3	18	3		5	11		1
BELLEVUE	830	696	33	3	3	20	8	11	54		2
DES MOINES	68	59	2		4			1	2		
KENT	533	478	13	7	4	6	5	5	13	1	1
KIRKLAND	350	322	8	2	2	3	2	2	6		3
MERCER ISLAND	157	130	8			6	3	3	7		
REDMOND	405	371	9	1		5	3	4	12		
RENTON	597	480	37	7	8	6	8	13	33		5
SEATTLE	6,610	4,401	1,032	63	155	79	133	220	487	5	35
KITSAP	2,903	2,508	98	38	61	14	12	93	76	1	2
BREMERTON	866	668	62	20	14	2	6	57	36	1	
KITTITAS	334	311		5	9	1		2	5		1
ELLENSBURG	144	131		3	5				4		1
KLICKITAT	281	246		15	18				1		1
LEWIS	910	877	4	17	7			1	3		1
CENTRALIA	236	223	2	5	3				3		
LINCOLN	134	125			8	1					
MASON	490	443	3	5	29	1	1	1	6		1
OKANOGAN	605	427	1	55	107			1	4		10
PACIFIC	240	221	1	3	9	1	1		3		1
PEND OREILLE	120	112		1	5			1	1		
PIERCE	9,218	7,269	1,071	100	167	70	22	101	412	2	4
PUYALLUP	309	290	4		2	2		3	8		
TACOMA	2,955	2,165	448	23	98	17	6	34	161		3
SAN JUAN	105	102	1			1			1		
SKAGIT	1,056	991	4	20	29	2	2	3	5		
MOUNT VERNON	265	252	1	8	1			1	2		
SKAMANIA	108	101	1	1	3			1			1
SNOHOMISH	6,100	5,659	63	35	114	24	12	47	126	1	19
EDMONDS	400	364	5	4	4		2	6	15		
EVERETT	1,299	1,188	22	4	36	5	2	7	29	1	5
LYNNWOOD	578	523	11	2	6	3	4	6	20		3
MOUNTLAKE TERRACE	269	245	4	3	3	2	1	4	7		
SPOKANE	5,547	5,132	136	29	108	23	9	13	93	3	1
SPOKANE (CITY)	3,006	2,736	93	17	81	11	4	4	56	3	1
STEVENS	499	451	1	2	32				3	1	9
THURSTON	2,165	1,978	44	20	25	6	5	12	70		5
LACEY	255	220	5	4	3			2	21		
OLYMPIA	628	561	9	3	6	1	4	4	37		3
WAHKIAKUM	44	43			1						
WALLA WALLA	743	619	13	96	5	3	3	1	3		
WALLA WALLA (CITY)	428	355	10	55	2	1	3		2		
WHATCOM	1,658	1,481	11	33	91	3	5	6	18		10
BELLINGHAM	608	538	2	9	35	2	2	4	13		3
WHITMAN	452	416	9	4	2	6	6		8	1	
PULLMAN	222	189	9	4	2	4	6		7	1	
YAKIMA	3,316	2,102	34	876	229	8	3	12	18		34
YAKIMA (CITY)	927	703	26	147	26	3	2	3	5		12

TABLE 5

LIVE BIRTHS BY MOTHER'S AGE GROUP BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	ALL AGES	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	AGE UNKNOWN
STATE TOTALS	68,705	86	7,066	21,614	22,874	12,924	3,658	445	21	17
ADAMS	298	1	48	83	94	56	14	2		
ASOTIN	244		34	105	62	36	4	2		1
BENTON	2,103	4	217	685	716	360	107	17	1	
KENNEWICK	917	2	106	317	310	144	33	5		
RICHLAND	487	2	32	134	167	103	43	6		
CHELAN	830	2	120	264	279	124	35	6		
WENATCHEE	338	2	61	115	105	43	9	3		
CLALLAM	791	1	91	291	223	150	32	3		
PORT ANGELES	280	1	42	104	78	46	9			
CLARK	3,045	3	329	960	1,043	545	145	17	1	2
VANCOUVER	1,168	2	170	463	328	161	38	4	1	1
COLUMBIA	55		4	21	21	6	2	1		
COWLITZ	1,252	1	186	495	347	179	36	8		
KELSO	219		40	89	60	23	6	1		
LONGVIEW	508		85	192	145	67	17	2		
DOUGLAS	346	1	40	121	114	54	16			
FERRY	110		17	26	39	21	6	1		
FRANKLIN	866	4	114	318	266	129	29	6		
PASCO	547	4	86	217	152	72	14	2		
GARFIELD	42		2	15	15	9	1			
GRANT	963		119	335	319	138	43	9		
MOSES LAKE	200		28	67	64	30	9	2		
GRAYS HARBOR	1,016	2	138	364	326	148	32	6		
ABERDEEN	268	1	44	109	70	36	7	1		
ISLAND	883		81	356	253	141	46	6		
OAK HARBOR	330		39	155	80	40	14	2		
JEFFERSON	204		21	57	74	43	8	1		
KING	18,627	24	1,335	4,634	6,506	4,528	1,427	160	4	9
AUBURN	553	2	72	238	166	62	13			
BELLEVUE	830		33	226	299	199	62	10	1	
DES MOINES	68		4	22	31	10	1			
KENT	533	1	53	188	186	84	20	1		
KIRKLAND	350		9	74	144	84	36	3		
MERCER ISLAND	157		3	17	39	69	26	3		
REDMOND	405		15	70	159	115	41	4		1
RENTON	597	2	62	190	221	90	28	4		
SEATTLE	6,610	13	521	1,504	2,105	1,808	590	67	1	1
KITSAP	2,903	1	292	961	983	514	134	16	1	1
BREMERTON	866	1	133	353	250	101	27			1
KITTITAS	334		27	109	110	69	16	3		
ELLENSBURG	144		10	56	42	32	3	1		
KLICKITAT	281		38	107	79	43	12	2		
LEWIS	910	1	141	340	262	123	33	9	1	
CENTRALIA	236	1	46	90	65	26	6	2		
LINCOLN	134		12	33	57	23	7	2		
MASON	490	1	56	161	166	82	22	2		
OKANOGAN	605	3	108	206	168	92	26	2		
PACIFIC	240		42	85	69	30	13	1		
PEND OREILLE	120		22	29	33	32	3	1		
PIERCE	9,218	8	1,117	3,351	2,930	1,401	369	38	4	
PUYALLUP	309		31	102	98	66	12			
TACOMA	2,935	6	418	1,022	951	435	102	19	2	
SAN JUAN	105			33	31	30	11			
SKAGIT	1,056	2	115	364	351	173	44	7		
MOUNT VERNON	265	1	41	92	89	34	6	2		
SKAMANIA	108		11	34	40	16	4	3		
SNOHOMISH	6,100	4	553	1,905	2,160	1,133	305	37	2	1
EDMONDS	400		28	109	154	82	25	2		
EVERETT	1,299	1	159	499	417	174	42	7		
LYNNWOOD	578		61	207	178	98	31	3		
MOUNTLAKE TERRACE	269		21	69	113	52	13	1		
SPOKANE	5,547	5	570	1,880	1,832	988	243	24	3	2
SPOKANE (CITY)	3,006	4	329	1,018	1,021	513	110	8	2	1
STEVENS	499	1	69	154	145	92	32	6		
THURSTON	2,165	1	216	713	734	377	108	13	3	
LACEY	255		27	76	83	45	20	3	1	
OLYMPIA	628		65	213	199	130	18	1	2	
WAHKIAKUM	44		5	16	11	10	2			
WALLA WALLA	743	1	91	265	240	110	34	2		
WALLA WALLA (CITY)	428	1	64	147	132	62	21	1		
WHATCOM	1,658	2	117	496	601	348	87	6		1
BELLINGHAM	608	1	51	184	217	134	21			
WHITMAN	452		26	128	186	93	18	1		
PULLMAN	222		4	59	93	58	7	1		
YAKIMA	3,316	13	542	1,114	991	478	152	25	1	
YAKIMA (CITY)	927	7	148	307	275	151	31	8		

TABLE 6

LIVE BIRTHS BY MONTH BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
STATE TOTALS	68,705	5,548	5,221	6,123	5,971	6,164	5,748	6,054	5,897	5,697	5,448	5,397	5,437
ADAMS	298	28	17	30	22	24	23	45	17	21	29	18	24
ASOTIN	244	19	11	14	19	24	19	32	20	19	15	28	24
BENTON	2,105	181	166	184	199	172	190	186	164	180	167	164	152
KENNEWICK	917	70	77	82	82	66	74	78	71	87	78	82	70
RICHLAND	487	38	37	47	44	36	49	49	41	46	42	34	24
CHELAN	830	65	52	68	63	73	76	74	82	79	63	76	59
WENATCHEE	338	27	16	26	25	29	28	26	28	44	21	41	27
CLALLAM	791	62	57	64	64	71	67	67	73	72	59	54	81
PORT ANGELES	280	25	21	26	22	26	20	20	23	20	24	14	39
CLARK	3,045	258	243	302	256	315	234	263	252	234	230	216	242
VANCOUVER	1,168	99	86	111	98	118	84	93	96	101	90	96	96
COLUMBIA	55	1	4	5	5	6	7	6	2	3	2	3	11
COWLITZ	1,252	113	82	118	104	127	111	117	108	105	36	83	98
KELSO	219	24	13	19	17	18	19	22	20	18	17	16	18
LONGVIEW	508	49	33	45	46	64	45	47	39	41	32	28	39
DOUGLAS	346	36	24	26	28	25	35	36	34	19	23	31	29
FERRY	110	9	9	11	9	7	12	13	10	8	9	5	8
FRANKLIN	866	71	56	70	69	74	77	83	85	79	71	63	68
PASCO	547	39	35	44	44	52	50	50	56	49	40	38	50
GARFIELD	42	1	1	7	1	4	2	6	8	3	3	4	2
GRANT	963	79	79	76	90	90	87	89	88	60	88	74	63
MOSES LAKE	200	18	19	17	19	11	21	20	20	11	18	11	15
GRAYS HARBOR	1,016	83	71	90	94	95	82	83	80	90	87	80	81
ABERDEEN	268	24	20	20	20	23	18	22	24	24	26	24	23
ISLAND	883	67	63	75	78	76	80	61	72	87	73	72	79
OAK HARBOR	330	24	19	33	32	25	23	23	29	36	26	28	32
JEFFERSON	204	16	18	18	17	20	19	18	17	16	12	15	18
KING	18,627	1,500	1,483	1,687	1,560	1,594	1,556	1,601	1,589	1,594	1,492	1,492	1,479
AUBURN	553	32	45	45	41	52	48	54	51	47	56	37	45
BELLEVUE	830	73	63	67	77	74	72	69	80	72	52	85	46
DES MOINES	68	6	2	6	7	8	4	5	8	7	2	6	7
KENT	533	44	45	57	49	51	48	67	44	36	38	33	41
KIRKLAND	350	25	24	24	38	27	38	35	37	28	27	23	24
MERCER ISLAND	157	11	11	20	16	11	15	13	14	9	12	10	15
REDMOND	405	33	25	38	36	41	36	35	39	31	33	33	25
RENTON	597	40	42	57	46	46	46	61	56	53	49	53	48
SEATTLE	6,610	557	528	613	559	555	562	567	543	580	527	501	518
KITSAP	2,903	208	185	275	272	264	244	271	250	226	221	248	239
BREMERTON	866	68	49	61	57	88	72	91	79	82	78	75	66
KITTITAS	334	35	31	29	29	29	26	29	23	31	24	22	26
ELLENSBURG	144	17	13	11	11	10	18	13	10	14	9	9	9
KLICKITAT	281	28	24	23	24	28	16	27	35	25	15	17	19
LEWIS	910	62	66	80	77	87	91	80	78	64	78	73	74
CENTRALIA	236	20	16	22	26	18	18	15	17	15	26	30	13
LINCOLN	136	6	15	14	16	9	10	12	7	13	13	10	9
MASON	490	38	31	45	36	46	39	43	42	41	41	49	39
OKANOGAN	605	46	41	54	59	41	45	46	68	55	48	49	53
PACIFIC	240	12	21	17	24	20	23	21	22	19	22	18	21
PEND OREILLE	120	9	16	8	4	9	10	7	13	9	10	15	10
PIERCE	9,218	756	754	770	802	859	794	782	766	801	709	729	698
PUYALLUP	309	25	24	21	22	22	27	25	33	18	28	35	29
TACOMA	2,955	251	227	248	248	269	258	262	239	261	249	236	207
SAN JUAN	105	3	6	4	19	8	8	15	8	9	5	11	9
SKAGIT	1,056	86	77	107	94	92	87	97	76	97	83	93	67
MOUNT VERNON	265	25	22	22	25	21	23	18	21	24	18	29	17
SKAMANIA	108	10	3	9	9	10	8	7	11	12	14	8	7
SNOHOMISH	6,100	479	474	546	529	583	470	521	554	483	458	495	508
EDMONDS	400	31	29	36	35	39	24	45	30	34	35	33	29
EVERETT	1,299	105	104	128	102	132	85	113	119	99	103	106	103
LYNNWOOD	578	40	40	49	47	46	44	64	64	51	48	36	49
MOUNTLAKE TERRACE	269	27	24	16	21	22	27	28	27	17	19	20	21
SPOKANE	5,547	449	378	525	515	517	460	500	470	447	465	426	395
SPOKANE (CITY)	3,006	234	202	289	257	277	263	277	273	252	258	212	212
STEVENS	499	34	41	44	45	44	39	48	41	29	41	49	44
THURSTON	2,165	170	159	171	196	181	198	199	183	183	204	135	186
LACEY	255	22	9	23	22	19	23	21	24	28	21	28	15
OLYMPIA	628	42	37	51	55	56	61	54	54	50	61	46	61
WAHKIAKUM	44	4	2	7	2	6	2	4	2	6	4	1	4
WALLA WALLA	743	56	53	71	67	62	54	72	55	56	60	86	53
WALLA WALLA (CITY)	428	35	30	44	40	32	32	39	38	31	31	52	24
WHATCOM	1,658	144	125	137	145	145	147	138	145	147	137	129	119
BELLINGHAM	608	61	46	46	59	66	50	38	66	56	51	50	39
WHITMAN	452	42	32	44	32	33	35	37	40	39	33	26	59
PULLMAN	222	20	16	17	19	17	16	21	14	18	16	13	35
YAKIMA	3,316	286	251	298	297	294	265	318	307	236	254	230	280
YAKIMA (CITY)	927	74	73	87	67	89	63	92	97	60	78	63	84

TABLE 7

LIVE BIRTHS BY INSTITUTIONS BY PLACE OF OCCURRENCE, WASHINGTON STATE 1983

County and City	Total	General Hospital	Birth Center	Federal Facilities	Home	Born on Arrival	Other and Unknown
STATE TOTAL	68,073	61,509	528	4,385	1,179	58	414
Adams	274	271			1	1	1
Asotin	18	17			1		
Benton	2,521	2,371	104		13	4	29
Kennewick	855	718	104		4		29
Richland	1,355	1,350			2	3	
Chelan	1,256	1,238			17		1
Wenatchee	1,103	1,096			6		1
Clallam	780	747			29		4
Port Angeles	653	640			13		
Clark	2,177	2,130			46	1	
Vancouver	2,157	2,130			26	1	
Columbia	29	29					
Cowlitz	1,388	1,377			11		
Kelso	3				3		
Longview	1,382	1,377			5		
Douglas	1				1		
Ferry	53	46			4		3
Franklin	484	479			4		1
Pasco	482	479			2		1
Garfield	21	21					
Grant	700	690			8	2	
Moses Lake	536	535			1		
Grays Harbor	751	737			11		3
Aberdeen	685	680			2		3
Island	751	313		408	29		1
Oak Harbor	414			408	5		1
Jefferson	166	158			8		
King	20,394	19,877	23		359	21	114
Auburn	570	560			9	1	
Bellevue	2,034	2,009			21		4
Des Moines	1				1		
Kent	21				21		
Kirkland	1,011	1,000			11		
Mercer Island	1				1		
Redmond	1,812	1,798			13	1	
Renton	1,930	1,919			10	1	
Seattle	12,629	12,294	13		207	18	97
Kitsap	2,447	1,513		834	72	5	23
Bremerton	2,374	1,513		834	22	5	
Kittitas	272	247			5	1	19
Ellensburg	252	247			4	1	
Klickitat	216	210			5	1	
Lewis	865	846			10		9
Centralia	417	415			2		
Lincoln	58	53			3		2
Mason	225	208			17		
Okanogan	609	561			38		10
Pacific	103	101			2		
Pend Oreille	96	87			5		4
Pierce	10,100	7,209		2,688	99	9	95
Puyallup	1,208	1,199			6	3	
Tacoma	8,762	6,007		2,688	62	5	
San Juan	32				7		25
Skagit	1,346	1,101	192		27		26
Mount Vernon	889	667	192		5		25
Skamania	6				6		
Snohomish	4,586	4,373	52		140	5	16
Edmonds	1,667	1,596	52		9	1	9
Everett	2,380	2,336			42	2	
Lynnwood	17				14	1	2
Mountlake Terrace	11				11		
Spokane	6,381	5,712	157	455	44	4	9
Spokane (city)	5,886	5,684	157		32	4	9
Stevens	345	327			17		1
Thurston	2,212	2,161			50		1
Lacey	4				4		
Olympia	2,203	2,161			41		1
Wahkiakum							
Walla Walla	1,055	1,040			14		1
Walla Walla(city)	1,047	1,040			7		
Whatcom	1,558	1,481			65	1	11
Bellingham	1,531	1,481			39	1	10
Whitman	465	457			3	1	4
Pullman	393	391			2		
Yakima	3,332	3,321			8	2	1
Yakima (city)	2,336	2,329			7		

TABLE 8

LIVE BIRTHS BY BIRTH WEIGHT IN GRAMS BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	TOTAL	1000 OR LESS	1001-1500	1501-2000	2001-2500	2501-3000	3001-3500	3501-4000	4001-4500	4501 AND OVER	NOT STATED
STATE TOTALS	68,705	285	312	700	2,308	8,683	23,909	22,680	7,855	1,911	62
ADAMS	298	2	2	10	10	42	96	87	42	5	2
ASOTIN	244		1	3	3	37	79	79	36	6	
BENTON	2,105	9	9	19	65	228	723	692	286	73	1
KENNEWICK	917	4	3	9	29	93	337	291	115	35	1
RICHLAND	487	4	2	2	16	64	151	163	69	16	
CHELAN	830	3	4	7	32	109	306	271	84	13	1
WENATCHEE	338	1	2	3	10	46	143	95	34	4	
CLALLAM	791	3	2	10	24	81	276	279	84	31	1
PORT ANGELES	280			4	4	34	109	93	24	12	
CLARK	3,045	14	11	21	108	375	1,045	1,001	373	93	4
VANCOUVER	1,168	8	5	9	53	165	409	374	108	32	1
COLUMBIA	55			1	3	9	22	11	4	5	
COWLITZ	1,252	6	7	10	39	167	424	419	145	34	1
KELSO	219	1		1	7	33	68	81	22	5	1
LONGVIEW	508	3	5	3	16	73	184	153	54	17	
DOUGLAS	346		1	3	21	40	128	117	31	5	
FERRY	110	1	1	2	1	17	41	34	11	2	
FRANKLIN	866	1	4	5	19	119	304	284	107	21	2
PASCO	547	1	2	2	13	83	198	169	61	16	2
GARFIELD	42	1		1	2	2	14	16	5	1	
GRANT	963	4	7	5	32	119	331	316	121	26	2
MOSES LAKE	200	1	2	1	12	30	67	60	22	5	
GRAYS HARBOR	1,016	2	9	16	37	128	352	301	126	42	3
ABERDEEN	268		1	5	10	39	102	75	22	13	1
ISLAND	883	7	3	7	21	88	302	313	108	34	
OAK HARBOR	330		1	3	9	35	112	125	36	9	
JEFFERSON	204		3	2	4	18	72	74	25	6	
KING	18,627	84	77	205	646	2,473	6,437	6,118	2,081	489	17
AUBURN	553	2	2	2	20	86	181	179	71	10	
BELLEVUE	830	1	3	2	31	113	293	269	92	25	1
DES MOINES	68		1	3	5	7	16	27	8	1	
KENT	533	7		3	12	76	187	171	59	17	1
KIRKLAND	330	1		5	9	29	113	138	41	14	
MERCER ISLAND	157		1	3	6	18	49	59	17	4	
REDMOND	405			2	12	58	143	124	54	12	
RENTON	597	1	1	7	18	88	217	195	69	11	
SEATTLE	6,610	38	38	88	268	996	2,367	2,003	642	151	9
KITSAP	2,903	17	13	37	97	333	956	1,014	333	99	4
BREMERTON	866	8	1	11	28	117	300	290	85	25	1
KITTITAS	334		3	3	7	38	104	132	37	10	
ELLENSBURG	144			1	4	19	42	56	16	6	
KLICKITAT	281	1	3		5	34	113	81	32	12	
LEWIS	910	5	8	14	41	132	315	276	93	24	2
CENTRALIA	236	2	1	4	13	30	82	72	25	7	
LINCOLN	134		1	1	3	13	48	44	21	3	
MASON	490	1	5	5	21	66	152	175	56	8	1
OKANOGAN	605	6	3	6	26	73	214	189	67	20	1
PACIFIC	240	2	2		9	31	85	80	24	7	
PEND OREILLE	120	1			4	18	36	48	11	1	1
PIERCE	9,218	44	42	109	325	1,266	3,326	2,924	949	228	5
PUYALLUP	309			3	9	32	98	102	54	11	
TACOMA	2,955	18	20	33	96	430	1,090	919	275	71	3
SAN JUAN	105	1		2	3	14	35	35	11	4	
SKAGIT	1,056	5	4	10	30	114	352	358	152	31	
MOUNT VERNON	265	3	1	2	8	38	81	97	29	6	
SKAMANIA	108		1	2	6	9	33	36	16	5	
SNOHOMISH	6,100	15	15	58	191	690	2,016	2,127	770	214	4
EDMONDS	400	3	1	2	9	44	130	139	50	22	
EVERETT	1,299	2	8	13	45	143	443	442	158	44	1
LYNNWOOD	578		1	5	20	62	194	200	74	21	1
MOUNTLAKE TERRACE	269	1			10	26	88	106	29	9	
SPOKANE	5,547	23	27	56	186	689	2,034	1,789	610	128	5
SPOKANE (CITY)	3,006	16	16	31	111	397	1,117	924	314	78	2
STEVENS	499	1	5	3	19	63	191	168	38	10	1
THURSTON	2,165	6	12	9	58	262	751	764	255	65	3
LACEY	255	2		1	6	31	86	91	32	6	
OLYMPIA	628	1	2	1	14	65	222	240	65	17	1
WAHKIAKUM	44		1		2	6	19	12	3	1	
WALLA WALLA	743	1	4	10	30	96	252	233	95	22	
WALLA WALLA (CITY)	428		4	8	19	60	134	133	55	15	
WHATCOM	1,658	7	2	9	38	169	568	598	219	67	1
BELLINGHAM	608	2	2	2	9	63	216	220	80	14	
WHITMAN	452	2	2	6	12	69	159	135	53	14	
PULLMAN	222		2	4	6	36	85	58	27	4	
YAKIMA	3,316	10	18	33	128	446	1,198	1,068	361	74	
YAKIMA (CITY)	927	6	5	8	41	111	331	323	78	24	

TABLE 9

LIVE BIRTHS BY RACE BY BIRTH WEIGHT, WASHINGTON STATE 1983

BIRTH WEIGHT IN GRAMS	TOTAL	WHITE	BLACK	MEXICAN/ CHICANO	INDIAN	JAPA- NESE	CHI- NESE	FILI- PINO	OTHER ASIAN	OTHER	UNKNOWN
STATE TOTAL	68,705	58,254	3,039	2,193	1,613	387	319	691	1,991	20	198
1,000 AND UNDER	285	218	37	9	7	2			7		5
1,001 - 1,500	312	250	24	11	13	1		7	5	1	
1,501 - 2,000	700	553	69	19	20		3	11	20	1	4
2,001 - 2,500	2,308	1,862	154	87	56	10	8	36	86	2	7
2,501 - 3,000	8,683	6,881	615	324	208	65	66	126	376	2	20
3,001 - 3,500	23,909	19,918	1,149	827	542	162	142	283	812	4	70
3,501 - 4,000	22,680	19,749	764	664	532	120	80	172	535	7	57
4,001 - 4,500	7,855	7,044	183	206	184	22	17	50	121	3	25
4,501 AND OVER	1,911	1,740	35	43	50	5	2	6	28		2
NOT STATED	62	39	9	3	1		1		1		8

TABLE 10

LIVE BIRTHS BY MOTHER'S AGE BY BIRTH WEIGHT, WASHINGTON STATE 1983

BIRTH WEIGHT IN GRAMS	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	AGE UNKNOWN
STATE TOTAL	68,705	86	7,066	21,614	22,874	12,924	3,658	445	21	17
1,000 AND UNDER	285	1	38	87	90	53	15	1		
1,001 - 1,500	312		50	98	97	46	19	2		
1,501 - 2,000	700	2	89	208	209	130	50	12		
2,001 - 2,500	2,308	7	322	755	713	371	120	19	1	
2,501 - 3,000	8,683	14	1,158	2,927	2,640	1,468	408	61	3	4
3,001 - 3,500	23,909	32	2,626	7,881	7,946	4,181	1,105	127	8	3
3,501 - 4,000	22,680	22	2,079	7,029	7,689	4,470	1,230	149	6	6
4,001 - 4,500	7,855	8	599	2,127	2,814	1,687	563	51	3	3
4,501 AND OVER	1,911		96	486	658	507	142	22		
NOT STATED	62		9	16	18	11	6	1		1

TABLE 11

RESIDENCE, MULTIPLE BIRTHS BY NUMBER BORN ALIVE EACH SET, WASHINGTON STATE [illegible]

COUNTY AND CITY	SETS OF TWINS 2 BORN ALIVE	1 BORN ALIVE	NONE ALIVE	SETS OF TRIPLETS 3 BORN ALIVE	2 BORN ALIVE	1 BORN ALIVE	NONE ALIVE	SETS OF FOUR OR MORE TOTAL
STATE TOTAL	791	36	16	8				
ADAMS	7							
ASOTIN	5							
BENTON	10	1	1					
KENNEWICK	9							
RICHLAND	2		1					
CHELAN	15	1						
WENATCHEE	7							
CLALLAM	4							
PORT ANGELES	2							
CLARK	38	2						
VANCOUVER	13	1						
COLUMBIA	1		1					
COWLITZ	12		1					
KELSO	4							
LONGVIEW	4							
DOUGLAS	6							
FERRY								
FRANKLIN	6			2				
PASCO	5			1				
GARFIELD	2							
GRANT	10	1		1				
MOSES LAKE	3							
GRAYS HARBOR	16							
ABERDEEN	3							
ISLAND	11							
OAK HARBOR	4							
JEFFERSON	3							
KING	198	11	5	1				
AUBURN	8							
BELLEVUE	14							
DES MOINES	2							
KENT	5	1						
KIRKLAND	1	1						
MERCER ISLAND	2							
REDMOND	3							
RENTON	6							
SEATTLE	74	6	3					
KITSAP	37	3		1				
BREMERTON	8							
KITTITAS	2		2					
ELLENSBURG	1		1					
KLICKITAT	2							
LEWIS	19	1						
CENTRALIA	5							
LINCOLN								
MASON	10							
OKANOGAN	5							
PACIFIC	5							
PEND OREILLE	2							
PIERCE	91	1	1	1				
TACOMA	24	1						
SAN JUAN	4							
SKAGIT	13	3						
MOUNT VERNON	2							
SKAMANIA	3	2						
SNOHOMISH	73	3	1					
EDMONDS	3	1						
EVERETT	13							
LYNNWOOD	3	1						
SPOKANE	51	3	2	1				
SPOKANE (CITY)	27		2	1				
STEVENS	10	1						
THURSTON	23	1		1				
LACEY	4							
OLYMPIA	3							
WAHKIAKUM								
WALLA WALLA	12							
WALLA WALLA (CITY)	9							
WHATCOM	19							
BELLINGHAM	3							
WHITMAN	11		1					
PULLMAN	7		1					
YAKIMA	47	2	1					
YAKIMA (CITY)	16							

MORTALITY

TABLE 1

DEATHS IN WASHINGTON STATE BY SELECTED TOPICS, 1983

A. RESIDENCE, RACE BY SEX

	TOTAL	MALE	FEMALE
Total	32,631	17,392	15,239
White	31,090	16,430	14,660
Black	656	398	258
Indian	322	195	127
Mexican/ Chicano	117	80	37
Japanese	117	61	56
Chinese	91	62	29
Filipino	95	78	17
Other Asian	110	68	42
Unknown	33	20	13

B. RESIDENCE, MARITAL STATUS BY SEX

	TOTAL	MALE	FEMALE
Total	32,631	17,392	15,239
Single	3,389	2,239	1,150
Married	14,977	10,469	4,508
Divorced	3,011	1,797	1,214
Widowed	11,133	2,799	8,334
Unknown	121	88	33

C. RESIDENCE, AGE GROUP BY SEX

	TOTAL	MALE	FEMALE
Total	32,631	17,392	15,239
Under 1	653	380	273
1 - 4	112	68	44
5 - 14	142	88	54
15 - 24	650	484	166
25 - 34	851	620	231
35 - 44	884	564	320
45 - 54	1,713	1,065	648
55 - 64	4,433	2,722	1,711
65 - 74	7,718	4,613	3,105
75 - 84	8,530	4,357	4,173
85 - 94	5,927	2,149	3,778
95 & Over	1,015	281	734
Unknown	3	1	2

D. RESIDENCE, INFANT DEATHS BY RACE

Total	653
White	547
Black	56
Indian	25
Mexican/Chicano	6
Japanese	1
Filipino	4
Other Asian	9
Unknown	5

TABLE 1 (Continued)

DEATHS IN WASHINGTON STATE BY SELECTED TOPICS, 1983

E. RESIDENCE, BY LEADING CAUSES

		International List Number	Number of Deaths	Percent of Total Deaths
	Total		32,631	100.0*
1	Diseases of the Heart	391-392.0,,393-398, 402,404,410-417, 420-429	11,654	35.7
2	Malignant Neoplasms	140-208, 230-234	7,352	22.5
3	Cerebrovascular Disease	430-438	2,585	7.9
4	All Accidents	E800-E949	1,602	4.9
5	Influenza and Pneumonia	480-487	1,003	3.1
6	Suicide	E950-E959	621	1.9
7	Diabetes Mellitus	250	604	1.9
8	Arteriosclerosis	440	506	1.6
9	Bronchitis, Emphysema, Asthma	466, 490-493	462	1.4
10	Cirrhosis of Liver	571	445	1.4
	All OTHER CAUSES		5,797	17.8

F. RESIDENCE AND OCCURRENCE, BY MONTH

	Residence	Occurrence
Total	32,631	32,890
January	3,151	3,174
February	2,488	2,469
March	2,707	2,708
April	2,797	2,824
May	2,701	2,738
June	2,581	2,628
July	2,582	2,605
August	2,602	2,626
September	2,558	2,573
October	2,782	2,788
November	2,734	2,762
December	2,948	2,995

G. TYPE OF PLACE BY OCCURRENCE

Total	32,890
General Hospital	16,165
Nursing Home	7,623
Home	6,315
Federal Facility	1,139
Psychiatric Hospital	48
State Facility	2
Dead on Arrival	52
Other and Unknown	1,546

*Detail may not add to 100% due to rounding.

TABLE 2

DEATHS WITH RATES* BY PLACE OF RESIDENCE AND OCCURRENCE, WASHINGTON STATE 1983

COUNTY AND CITY	RESIDENCE TOTAL	RESIDENCE RATE	OCCURRENCE TOTAL	OCCURRENCE RATE
STATE TOTAL	32,631	7.6	32,890	7.7
ADAMS	91	6.7	83	6.1
ASOTIN	171	10.2	136	8.1
BENTON	568	5.2	550	5.1
KENNEWICK	224	6.3	224	6.3
RICHLAND	188	5.9	256	8.0
CHELAN	502	10.8	599	12.9
WENATCHEE	258	15.0	447	26.1
CLALLAM	504	9.7	466	8.9
PORT ANGELES	181	10.6	310	18.1
CLARK	1,382	6.9	1,312	6.6
VANCOUVER	629	14.8	1,120	26.3
COLUMBIA	53	13.3	45	11.3
COWLITZ	678	8.5	701	8.8
KELSO	135	12.3	30	2.7
LONGVIEW	358	11.9	621	20.7
DOUGLAS	156	7.0	75	3.3
FERRY	49	8.0	31	5.1
FRANKLIN	226	6.3	182	5.1
PASCO	163	8.5	170	8.9
GARFIELD	27	11.3	28	11.7
GRANT	359	7.3	285	5.8
MOSES LAKE	92	8.9	137	13.3
GRAYS HARBOR	604	9.2	518	7.9
ABERDEEN	196	10.9	364	20.2
ISLAND	356	7.6	245	5.2
OAK HARBOR	65	5.3	64	5.3
JEFFERSON	169	10.1	125	7.4
KING	9,789	7.4	10,522	8.0
AUBURN	246	8.5	301	10.4
BELLEVUE	419	5.7	483	6.5
DES MOINES	77	7.5	128	12.5
KENT	136	5.3	86	3.4
KIRKLAND	151	8.0	390	20.7
MERCER ISLAND	113	5.3	60	2.8
REDMOND	104	4.0	240	9.1
RENTON	277	8.5	519	15.9
SEATTLE	5,279	10.8	7,726	15.8
KITSAP	1,138	7.0	1,079	6.7
BREMERTON	438	12.3	765	21.6
KITTITAS	199	8.0	188	7.6
ELLENSBURG	94	8.1	139	12.0
KLICKITAT	139	8.5	104	6.4
LEWIS	519	9.3	446	8.0
CENTRALIA	166	14.2	229	19.6
LINCOLN	107	11.1	69	7.2
MASON	285	8.5	215	6.4
OKANOGAN	290	9.2	261	8.3
PACIFIC	217	12.3	161	9.1
PEND OREILLE	89	10.0	62	7.0
PIERCE	3,714	7.3	3,889	7.7
PUYALLUP	216	11.6	565	30.5
TACOMA	1,786	11.3	3,001	18.9
SAN JUAN	69	7.9	56	6.4
SKAGIT	642	9.7	672	10.2
MOUNT VERNON	118	8.7	277	20.4
SKAMANIA	36	4.6	23	2.9
SNOHOMISH	2,301	6.4	2,057	5.7
EDMONDS	220	8.1	384	14.2
EVERETT	621	11.0	954	17.0
LYNNWOOD	153	6.5	81	3.5
MOUNTLAKE TERRACE	70	4.4	20	1.3
SPOKANE	2,940	8.4	3,433	9.9
SPOKANE (CITY)	1,964	11.3	3,244	19.1
STEVENS	239	8.0	184	6.2
THURSTON	977	7.3	980	7.3
LACEY	176	12.5	120	8.6
OLYMPIA	342	12.2	779	27.8
WAHKIAKUM	39	10.5	25	6.8
WALLA WALLA	489	10.1	644	13.4
WALLA WALLA (CITY)	337	13.2	567	22.1
WHATCOM	797	7.1	800	7.1
BELLINGHAM	422	9.2	633	13.8
WHITMAN	245	6.1	184	4.6
PULLMAN	53	2.3	53	2.3
YAKIMA	1,476	8.3	1,455	8.2
YAKIMA (CITY)	579	11.9	1,002	20.7

*RATES PER 1,000 POPULATION.

TABLE 3

DEATHS BY SEX AND RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	TOTAL	MALE	FEMALE	UNK	WHITE	BLACK	MEXICAN/ CHICANO	INDIAN	JAPANESE	CHINESE	FILIPINO	OTHER ASIAN	OTHER	UNK
STATE TOTAL	32,631	17,392	15,239		31,090	536	117	322	117	91	95	110		33
ADAMS	91	59	32		89	1	1							
ASOTIN	171	90	81		171									
BENTON	568	323	245		557		9	1			1			
KENNEWICK	224	131	93		222		2							
RICHLAND	188	101	87		186		1	1						
CHELAN	502	255	247		493	1	3	3		1		1		
WENATCHEE	258	119	139		255			2		1				
CLALLAM	504	284	220		488	1	1	12		1	1			
PORT ANGELES	181	95	86		177			2		1	1			
CLARK	1,382	743	639		1,363	6		2		1	1	9		
VANCOUVER	629	322	307		621	4						4		
COLUMBIA	53	24	29		53									
COWLITZ	678	353	325		673	1		1		1	1	1		
KELSO	135	63	72		134					1				
LONGVIEW	358	184	174		354	1		1			1	1		
DOUGLAS	156	84	72		152		3	1						
FERRY	49	37	12		38			11						
FRANKLIN	226	129	97		211	10	3	1		1				
PASCO	163	94	69		148	10	3	1		1				
GARFIELD	27	11	16		27									
GRANT	359	215	144		346	5	5	1	1			1		
MOSES LAKE	92	51	41		86	2	4							
GRAYS HARBOR	604	339	265		586			12	2		3	1		
ABERDEEN	196	104	92		192			1			3			
ISLAND	356	198	158		351	2			1			1		1
OAK HARBOR	65	32	33		62	1			1			1		
JEFFERSON	169	94	75		165	1		2				1		
KING	9,789	4,976	4,813		9,050	383	12	67	85	79	60	42		11
AUBURN	246	124	122		240	1		2			3			
BELLEVUE	419	206	213		409	9		1	2		2			
DES MOINES	77	26	51		77									
KENT	136	77	59		132	1			1		1	1		
KIRKLAND	151	61	90		147	1	1				1			1
MERCER ISLAND	113	52	61		107	2			1	2		1		
REDMOND	104	52	52		100	1					2	1		
RENTON	277	140	137		270	3			3		1			
SEATTLE	5,279	2,690	2,589		4,653	351	10	46	68	69	64	30		8
KITSAP	1,138	595	543		1,097	18	1	8	2	2	3	6		3
BREMERTON	438	224	214		415	13		3	1		1	3		2
KITTITAS	199	110	89		199									
ELLENSBURG	94	47	47		94									
KLICKITAT	139	81	58		135			4						
LEWIS	519	289	230		517	2								
CENTRALIA	166	82	84		166									
LINCOLN	107	55	52		107									
MASON	285	171	114		280			4						1
OKANOGAN	290	158	132		260	1	3	26						
PACIFIC	217	122	95		214	1		1	1					
PEND OREILLE	89	58	31		88			1						
PIERCE	3,714	2,038	1,676		3,487	149		21	9		14	30		4
PUYALLUP	216	106	110		214			1				1		
TACOMA	1,786	911	875		1,631	113		14	8		5	14		1
SAN JUAN	69	39	30		68			1						
SKAGIT	642	356	286		628	2	1	10						1
MOUNT VERNON	118	59	59		116	1	1							
SKAMANIA	36	19	17		36									
SNOHOMISH	2,301	1,258	1,043		2,253	15	2	13	3	2		8		5
EDMONDS	220	115	105		214		1		2			2		1
EVERETT	621	327	294		602	9		7				2		1
LYNNWOOD	150	84	66		141	2	1		1	2		1		2
MOUNTLAKE TERRACE	70	38	32		69							1		
SPOKANE	2,940	1,528	1,412		2,867	35	1	21	8	1	3	2		2
SPOKANE (CITY)	1,964	1,001	963		1,906	27		19	5	1	3	1		2
STEVENS	239	135	104		226			13						
THURSTON	977	529	448		965	3	1	3	1		1	3		
LACEY	176	87	89		174		1		1					
OLYMPIA	342	173	169		338	2					1	1		
WAHKIAKUM	39	17	22		38									1
WALLA WALLA	489	258	231		477	2	4	5	1					
WALLA WALLA (CITY)	337	179	158		327	1	4	4	1					
WHATCOM	797	411	386		770		2	18	1			2		4
BELLINGHAM	422	205	217		415			4	1			1		1
WHITMAN	245	133	112		243							2		
PULLMAN	53	25	28		51							2		
YAKIMA	1,476	818	658		1,322	17	65	59	2	2	7	2		
YAKIMA (CITY)	579	299	280		552	9	8	6	1	2		1		

TABLE 4

DEATHS BY AGE GROUP BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	TOTAL	UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 AND OVER	AGE UNKNOWN
STATE TOTAL	32,631	653	112	142	650	851	884	1,713	4,433	7,718	8,530	6,942	3
ADAMS	91	3		1	3	1	2	4	17	22	22	16	
ASOTIN	171	3	1	1	1	8	2	9	23	32	54	37	
BENTON	568	15	4	5	21	26	14	41	80	150	126	86	
KENNEWICK	224	7	2	1	6	12	6	20	30	62	47	31	
RICHLAND	188	4	1		7	6	5	11	30	50	46	28	
CHELAN	502	9		2	10	11	7	28	50	106	138	141	
WENATCHEE	258	3			4	3	3	14	21	55	75	80	
CLALLAM	504	9	1	3	7	10	6	22	76	127	135	108	
PORT ANGELES	181	3		1	1	3	6	8	21	39	50	49	
CLARK	1,382	24	2	4	27	37	41	85	207	328	323	284	
VANCOUVER	629	10		1	12	26	19	24	99	147	163	128	
COLUMBIA	53				1			6	11	14	10	11	
COWLITZ	678	16	4	3	5	13	14	34	84	174	186	145	
KELSO	135	2				2	3	4	16	43	35	30	
LONGVIEW	358	8	2	1	2	6	7	22	38	88	102	82	
DOUGLAS	156	1		2	4	1	6	9	24	41	42	26	
FERRY	49	3			4	2	5	4	11	8	8	4	
FRANKLIN	226	5	1	1	4	5	9	10	37	62	54	38	
PASCO	163	2	1	1	2	3	6	7	27	43	39	32	
GARFIELD	27							1	2	6	5	13	
GRANT	359	9	3	2	14	5	12	22	66	98	80	48	
MOSES LAKE	92	3	2		2	3	6	7	20	13	24	12	
GRAYS HARBOR	606	7	3	2	16	9	17	32	79	170	161	108	
ABERDEEN	196	1	1	2	2	2	3	9	19	31	56	50	
ISLAND	356	9		2	7	9	6	13	49	96	99	66	
OAK HARBOR	65	1			2		3	4	14	10	17	14	
JEFFERSON	169			2	3	1	3	4	28	58	45	25	
KING	9,789	153	22	34	195	237	265	519	1,352	2,266	2,537	2,207	
AUBURN	246	5	1		4	4	12	16	39	58	57	50	
BELLEVUE	419	4	2	3	11	11	7	38	77	71	99	96	
DES MOINES	77				5	2		2	2	6	18	42	
KENT	136	4	1	3	6	3	3	16	21	32	27	20	
KIRKLAND	151	4	1	1	6	3		8	18	26	48	36	
MERCER ISLAND	113				4	3	4	4	16	25	31	26	
REDMOND	104	1		1	4	2	3	5	13	19	25	31	
RENTON	277	2			8	5	8	15	40	69	67	63	
SEATTLE	5,279	70	7	15	60	109	122	218	656	1,234	1,503	1,285	
KITSAP	1,138	39	6	6	29	45	28	57	137	264	306	221	
BREMERTON	438	20	2	1	6	16	11	18	56	86	130	92	
KITTITAS	199	2			3	10	2	10	29	56	47	42	
ELLENSBURG	94				1	3		5	10	22	27	26	
KLICKITAT	139	3			3	4	3	5	21	44	36	20	
LEWIS	519	9	3		10	10	10	25	64	129	149	110	
CENTRALIA	166	2			2	1	3	7	14	43	50	44	
LINCOLN	107				2	2	4	9	9	19	30	32	
MASON	285	4	1	1	4	8	11	16	49	74	74	43	
OKANOGAN	290	7	2	2	8	9	7	16	44	66	82	47	
PACIFIC	217	4				5	1	11	42	61	53	40	
PEND OREILLE	89	1			3	4	1	5	11	21	24	19	
PIERCE	3,714	114	24	21	78	103	127	228	518	837	943	721	
PUYALLUP	218	3		2	3	4	6	14	20	52	59	55	
TACOMA	1,786	46	9	7	36	67	45	82	241	396	459	398	
SAN JUAN	69	1		1	1	1	3	1	10	19	18	14	
SKAGIT	642	12	2	1	16	24	17	28	83	162	166	131	
MOUNT VERNON	118	4			3	3	1	3	14	29	29	32	
SKAMANIA	36	1				1		2	6	11	12	3	
SNOHOMISH	2,301	41	13	9	33	78	85	134	333	552	595	426	2
EDMONDS	220	2		2		2	10	13	36	45	60	50	
EVERETT	621	13	3		9	19	24	29	89	141	167	127	
LYNNWOOD	150	3	1		5	5	6	9	17	45	34	25	
MOUNTLAKE TERRACE	70	1	1		1		4	3	18	19	12	11	
SPOKANE	2,940	68	9	14	54	53	74	137	364	692	791	684	
SPOKANE (CITY)	1,964	40	3	8	27	36	42	76	218	467	551	494	
STEVENS	239	4	1		8	8	8	7	23	56	72	52	
THURSTON	977	21	2	6	16	21	19	45	132	215	269	231	
LACEY	176	3		1	4	3	1	6	10	22	57	69	
OLYMPIA	342	3	2	2	3	4	4	14	50	90	86	84	
WAHKIAKUM	39					1		1	5	10	14	8	
WALLA WALLA	489	7			5	9	11	26	51	99	146	135	
WALLA WALLA (CITY)	337	6			4	4	6	20	32	65	105	95	
WHATCOM	797	12	1	2	14	14	24	37	82	173	228	209	1
BELLINGHAM	422	3			5	8	8	18	32	82	135	131	
WHITMAN	245	3	1	4	4	4	6	13	21	52	60	77	
PULLMAN	53	1	1	4	1	2	2	1	6	13	9	13	
YAKIMA	1,476	32	6	11	37	32	34	67	203	350	390	314	
YAKIMA (CITY)	579	15	1	4	9	5	12	21	78	125	142	167	

TABLE 5

DEATHS WITH RATES* BY SELECTED CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	DISEASES OF THE HEART NUMBER	DISEASES OF THE HEART RATE	MALIGNANT NEOPLASMS NUMBER	MALIGNANT NEOPLASMS RATE	CEREBROVASCULAR DISEASE NUMBER	CEREBROVASCULAR DISEASE RATE	GENERAL ARTERIOSCLEROSIS NUMBER	GENERAL ARTERIOSCLEROSIS RATE
STATE TOTAL	11,654	272.0	7,352	171.6	2,585	60.3	506	11.8
ADAMS	35	257.4	14	102.9	7	51.5	3	22.1
ASOTIN	62	369.0	42	250.0	16	95.2	4	23.8
BENTON	200	184.0	122	112.2	39	35.9	6	5.5
KENNEWICK	81	226.9	46	128.9	16	44.8	2	5.6
RICHLAND	71	221.9	42	131.3	11	34.4	1	3.1
CHELAN	176	378.5	109	234.4	47	101.1	8	17.2
WENATCHEE	84	489.8	52	303.2	27	157.4	6	35.0
CLALLAM	180	344.8	115	220.3	41	78.5	7	13.4
PORT ANGELES	56	327.5	35	204.7	19	111.1	6	35.1
CLARK	501	250.5	317	158.5	106	53.0	21	10.5
VANCOUVER	224	525.8	140	328.6	53	124.4	10	23.5
COLUMBIA	21	525.0	8	200.0	4	100.0	3	75.0
COWLITZ	274	345.5	164	206.8	61	76.9	7	8.8
KELSO	55	500.0	31	281.8	14	127.3	2	18.2
LONGVIEW	141	470.0	88	293.3	35	116.7	4	13.3
DOUGLAS	57	254.5	37	165.2	10	44.6	5	22.3
FERRY	12	196.7	5	82.0	3	49.2		
FRANKLIN	81	225.0	51	141.7	19	52.8	1	2.8
PASCO	61	319.4	37	193.7	12	62.8	1	5.2
GARFIELD	10	416.7	9	375.0	3	125.0		
GRANT	126	256.6	83	169.0	29	59.1	1	2.0
MOSES LAKE	26	252.4	25	242.7	4	38.8	1	9.7
GRAYS HARBOR	249	378.4	138	209.7	32	48.6	5	7.6
ABERDEEN	84	465.4	47	260.4	9	49.9	3	16.6
ISLAND	128	272.3	99	210.6	27	57.4	4	8.5
OAK HARBOR	22	181.1	18	148.1	10	82.3		
JEFFERSON	55	327.4	48	285.7	11	65.5	3	17.9
KING	3,379	256.8	2,277	173.1	739	56.2	140	10.6
AUBURN	89	306.9	54	186.2	17	58.6	8	27.6
BELLEVUE	128	173.2	116	157.0	32	43.3	10	13.5
DES MOINES	25	243.9	19	185.4	6	58.5	2	19.5
KENT	48	188.2	27	105.9	10	39.2		
KIRKLAND	45	238.7	35	185.7	11	58.4	4	21.2
MERCER ISLAND	37	174.9	29	137.1	5	23.6		
REDMOND	42	159.7	27	102.7	4	15.2	2	7.6
RENTON	97	296.6	62	189.6	19	58.1	9	27.5
SEATTLE	1,882	384.3	1,155	235.9	425	86.8	64	13.1
KITSAP	403	249.4	255	157.8	64	39.6	9	5.6
BREMERTON	178	501.8	89	250.9	18	50.7	3	8.5
KITTITAS	80	321.3	40	160.6	15	60.2		
ELLENSBURG	39	337.7	21	181.8	8	69.3		
KLICKITAT	48	294.5	33	202.5	9	55.2	3	18.4
LEWIS	183	326.8	119	212.5	50	89.3	11	19.6
CENTRALIA	55	470.1	34	290.6	25	213.7	2	17.1
LINCOLN	40	416.7	23	239.6	5	52.1		
MASON	111	330.4	70	208.3	17	50.6	6	17.9
OKANOGAN	106	336.5	55	174.6	15	47.6	3	9.5
PACIFIC	61	346.6	51	289.8	9	51.1	14	79.5
PEND OREILLE	25	280.9	18	202.2	11	123.6	1	11.2
PIERCE	1,355	267.3	768	151.5	329	64.9	76	15.0
PUYALLUP	97	522.9	36	194.1	20	107.8	2	10.8
TACOMA	668	421.7	360	227.3	183	115.5	39	24.6
SAN JUAN	24	275.9	17	195.4	3	34.5	1	11.5
SKAGIT	231	349.5	153	231.5	68	102.9	5	7.6
MOUNT VERNON	52	382.4	21	154.4	15	110.3	1	7.4
SKAMANIA	17	217.9	12	153.8				
SNOHOMISH	770	213.4	567	157.1	160	44.3	44	12.2
EDMONDS	83	307.4	58	214.8	14	51.9	5	18.5
EVERETT	200	355.9	146	259.8	50	89.0	20	35.6
LYNNWOOD	45	195.7	35	152.2	9	39.1	4	17.4
MOUNTLAKE TERRACE	25	156.3	16	100.0	8	50.0		
SPOKANE	1,054	302.9	608	174.7	255	73.3	51	14.7
SPOKANE (CITY)	724	425.4	394	231.5	173	101.6	36	21.2
STEVENS	86	289.6	50	168.4	25	84.2	2	6.7
THURSTON	382	286.1	229	171.5	78	58.4	9	6.7
LACEY	70	498.9	32	228.1	19	135.4	2	14.3
OLYMPIA	129	460.7	89	317.9	26	92.9	4	14.3
WAHKIAKUM	20	540.5	8	216.2	3	81.1	1	27.0
WALLA WALLA	176	365.1	103	213.7	49	101.7	14	29.0
WALLA WALLA (CITY)	127	496.1	67	261.7	33	128.9	13	50.8
WHATCOM	300	267.6	172	153.4	66	58.9	18	16.1
BELLINGHAM	157	342.0	83	180.8	53	115.5	13	28.3
WHITMAN	85	213.0	55	137.8	32	80.2	2	5.0
PULLMAN	15	65.2	12	52.2	5	21.7		
YAKIMA	551	311.3	308	174.0	128	72.3	18	10.2
YAKIMA (CITY)	231	476.3	110	226.8	62	127.8	8	16.5

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 6

DEATHS WITH RATES* BY SELECTED CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	INFLUENZA AND PNEUMONIA NUMBER	RATE	DIABETES MELLITUS NUMBER	RATE	CONGENITAL MALFORMATIONS NUMBER	RATE	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY NUMBER	RATE
STATE TOTAL	1,003	23.4	604	14.1	238	5.6	265	6.2
ADAMS	3	22.1	2	14.7	1	7.4	1	7.4
ASOTIN	2	11.9	2	11.9	2	11.9	3	17.9
BENTON	19	17.5	9	8.3	7	6.4	7	6.4
KENNEWICK	4	11.2	5	14.0	2	5.6	4	11.2
RICHLAND	8	25.0	2	6.3	2	6.3	2	6.3
CHELAN	22	47.3	11	23.7	5	10.8	3	6.5
WENATCHEE	17	99.1	5	29.2	3	17.5	2	11.7
CLALLAM	21	40.2	8	15.3	1	1.9	3	5.7
PORT ANGELES	12	70.2	6	35.1				
CLARK	45	22.5	23	11.5	5	2.5	11	5.5
VANCOUVER	24	56.3	7	16.4	3	7.0	4	9.4
COLUMBIA			3	75.0				
COWLITZ	13	16.4	10	12.6	4	5.0	8	10.1
KELSO	3	27.3			1	9.1	1	9.1
LONGVIEW	5	16.7	5	16.7	2	6.7	4	13.3
DOUGLAS	1	4.5	2	8.9			1	4.5
FERRY	1	16.4					1	16.4
FRANKLIN	4	11.1	5	13.9	2	5.6	2	5.6
PASCO	3	15.7	4	20.9			2	10.5
GARFIELD	2	83.3	1	41.7				
GRANT	12	24.4	4	8.1	4	8.1	4	8.1
MOSES LAKE	5	48.5			3	29.1	2	19.4
GRAYS HARBOR	13	19.8	19	28.9	2	3.0	3	4.6
ABERDEEN	5	27.7	4	22.2			1	5.5
ISLAND	9	19.1	6	12.8	3	6.4	6	12.8
OAK HARBOR	1	8.2			1	8.2		
JEFFERSON	6	35.7	4	23.8				
KING	367	27.9	160	12.2	68	5.2	64	4.9
AUBURN	11	37.9	2	6.9	1	3.4	3	10.3
BELLEVUE	9	12.2	8	10.8	1	1.4	2	2.7
DES MOINES	8	78.0	1	9.8				
KENT	5	19.6	3	11.8	2	7.8	3	11.8
KIRKLAND	7	37.1	6	31.8	3	15.9		
MERCER ISLAND	7	33.1	5	23.6				
REDMOND	3	11.4	2	7.6	1	3.8		
RENTON	15	45.9	4	12.2	2	6.1		
SEATTLE	212	43.3	88	18.0	29	5.9	28	5.7
KITSAP	36	22.3	18	11.1	12	7.4	21	13.0
BREMERTON	13	36.6	7	19.7	5	14.1	13	36.6
KITTITAS	6	24.1	3	12.0	3	12.0		
ELLENSBURG	3	26.0	1	8.7	1	8.7		
KLICKITAT	2	12.3	4	24.5	1	6.1	1	6.1
LEWIS	14	25.0	12	21.4	4	7.1	1	1.8
CENTRALIA	7	59.8	1	8.5	2	17.1		
LINCOLN	5	52.1	5	52.1				
MASON	3	8.9	6	17.9	1	3.0	1	3.0
OKANOGAN	11	34.9	6	19.0	2	6.3	3	9.5
PACIFIC	8	45.5	4	22.7			3	17.0
PEND OREILLE	3	33.7					1	11.2
PIERCE	77	15.2	70	13.8	40	7.9	48	9.5
PUYALLUP	6	32.3	3	16.2	2	10.8		
TACOMA	42	26.5	34	21.5	17	10.7	20	12.6
SAN JUAN	2	23.0	3	34.5			1	11.5
SKAGIT	16	24.2	11	16.6	4	6.1	8	12.1
MOUNT VERNON	3	22.1	1	7.4			4	29.4
SKAMANIA			1	12.8			1	12.8
SNOHOMISH	57	15.8	43	11.9	14	3.9	12	3.3
EDMONDS	2	7.4	3	11.1	2	7.4	1	3.7
EVERETT	14	24.9	15	26.7	2	3.6	3	5.3
LYNNWOOD	2	8.7	4	17.4			1	4.3
MOUNTLAKE TERRACE	3	18.8	3	18.8			1	6.3
SPOKANE	94	27.0	66	19.0	29	8.3	20	5.7
SPOKANE (CITY)	70	41.1	45	26.4	19	11.2	12	7.1
STEVENS	3	10.1	7	23.6	1	3.4	2	6.7
THURSTON	25	18.7	15	11.2	5	3.7	8	6.0
LACEY	9	64.1	3	21.4	2	14.3	1	7.1
OLYMPIA	5	17.9	6	21.4			3	10.7
WAHKIAKUM	1	27.0	1	27.0				
WALLA WALLA	14	29.0	19	39.4	4	8.3	3	6.2
WALLA WALLA (CITY)	9	35.2	13	50.8	1	3.9	3	11.7
WHATCOM	23	20.5	12	10.7	6	5.4	4	3.6
BELLINGHAM	9	19.6	9	19.6	3	6.5	1	2.2
WHITMAN	8	20.1	5	12.5	2	5.0		
PULLMAN	4	17.4			1	4.3		
YAKIMA	55	31.1	24	13.6	6	3.4	10	5.6
YAKIMA (CITY)	27	55.7	9	18.6	2	4.1	5	10.3

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 7

DEATHS WITH RATES* BY SELECTED CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	BRONCHITIS, EMPHYSEMA, AND ASTHMA		ALCOHOLISM		CIRRHOSIS OF THE LIVER				CHRONIC AND UNSPECIFIED HEPATITIS	
	NUMBER	RATE	NUMBER	RATE	WITH MENTION OF ALCOHOLISM NUMBER	WITHOUT MENTION OF ALCOHOLISM NUMBER	TOTAL NUMBER	TOTAL RATE	NUMBER	RATE
STATE TOTAL	462	10.8	63	1.5	209	236	445	10.4	23	.5
ADAMS	2	14.7			1	2	3	22.1		
ASOTIN					2	3	5	29.8		
BENTON	5	4.6	2	1.8	6	5	11	10.1	1	.9
KENNEWICK	2	5.6	2	5.6	4	2	6	16.8		
RICHLAND	2	6.3			2	1	3	9.4	1	3.1
CHELAN	4	8.6				3	3	6.5	1	2.2
WENATCHEE	2	11.7				1	1	5.8	1	5.8
CLALLAM	13	24.9	1	1.9	2	4	6	11.5		
PORT ANGELES	3	17.5								
CLARK	24	12.0	6	3.0	8	11	19	9.5		
VANCOUVER	10	23.5	6	14.1	3	5	8	18.9		
COLUMBIA					1	1	2	50.0		
COWLITZ	11	13.9			1	3	4	5.0		
KELSO	3	27.3								
LONGVIEW	5	16.7				3	3	10.0		
DOUGLAS	2	8.9				2	2	8.9	1	4.5
FERRY										
FRANKLIN	5	13.9			1	2	3	8.3		
PASCO	5	26.2				2	2	10.5		
GARFIELD										
GRANT	5	10.2	2	4.1	2		2	4.1		
MOSES LAKE			2	19.4	2		2	19.4		
GRAYS HARBOR	8	12.2	1	1.5	7	4	11	16.7		
ABERDEEN	2	11.1	1	5.5	2	1	3	16.6		
ISLAND	3	6.4	1	2.1	2	1	3	6.4		
OAK HARBOR					1		1	8.2		
JEFFERSON	1	6.0			1	2	3	17.9		
KING	122	9.3	15	1.1	75	83	158	12.0	7	.5
AUBURN	4	13.8	1	3.4	1		1	3.4	1	3.4
BELLEVUE	8	10.8			4	4	8	10.8		
DES MOINES										
KENT						1	1	3.9		
KIRKLAND	2	10.6			1	1	2	10.6		
MERCER ISLAND	3	14.2								
REDMOND	2	7.6								
RENTON	3	9.2			4	2	6	18.3		
SEATTLE	72	14.7	9	1.8	45	47	92	18.8	4	.8
KITSAP	15	9.3	3	1.9	6	3	9	5.6	2	1.2
BREMERTON	7	19.7	3	8.5	1	2	3	8.5	1	2.8
KITTITAS	1	4.0	1	4.0	1		1	4.0		
ELLENSBURG	1	8.7								
KLICKITAT	3	18.4	1	6.1	2		2	12.3		
LEWIS	9	16.1	1	1.8	5	4	9	16.1		
CENTRALIA	1	8.5	1	8.5		1	1	8.5		
LINCOLN	1	10.4			2		2	20.8		
MASON	3	8.9	1	3.0	2	1	3	8.9		
OKANOGAN	7	22.2	1	3.2	4	5	9	28.6		
PACIFIC	1	5.7			4	3	7	39.8	1	5.7
PEND OREILLE	5	56.2			1		1	11.2		
PIERCE	45	8.9	5	1.0	18	30	48	9.5	1	.2
PUYALLUP	2	10.8				2	2	10.8		
TACOMA	16	10.1	3	1.9	9	12	21	13.3		
SAN JUAN	1	11.5				1	1	11.5		
SKAGIT	7	10.6			2	8	10	15.1		
MOUNT VERNON	1	7.4				1	1	7.4		
SKAMANIA										
SNOHOMISH	41	11.4	6	1.7	16	17	33	9.1		
EDMONDS	1	3.7				1	1	3.7		
EVERETT	5	8.9	3	5.3	3	5	8	14.2		
LYNNWOOD	5	21.7			1	2	3	13.0		
MOUNTLAKE TERRACE	3	18.8	1	6.3	2		2	12.5		
SPOKANE	48	13.8	9	2.6	16	21	37	10.6	5	1.4
SPOKANE (CITY)	32	18.8	9	5.3	13	14	27	15.9	3	1.8
STEVENS	7	23.6			1	1	2	6.7		
THURSTON	13	9.7	2	1.5	8	5	13	9.7		
LACEY	2	14.3	1	7.1						
OLYMPIA	7	25.0	1	3.6	6	2	8	28.6		
WAHKIAKUM	1	27.0								
WALLA WALLA	8	16.6			5		5	10.4	1	2.1
WALLA WALLA (CITY)	6	23.4			4		4	15.6		
WHATCOM	9	8.0	1	.9	3	2	5	4.5	2	1.8
BELLINGHAM	6	13.1			1	2	3	6.5	2	4.4
WHITMAN	3	7.5								
PULLMAN										
YAKIMA	29	16.4	4	2.3	4	9	13	7.3	1	.6
YAKIMA (CITY)	15	30.9	1	2.1	1	2	3	6.2		

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 8

DEATHS WITH RATES BY SELECTED CAUSES BY PLACE OF RESIDENCE
WASHINGTON STATE 1983

COUNTY AND CITY	TOTAL	TUBERCULOSIS ALL FORMS	SEPTICEMIA AND PYEMIA	ALL OTHER INFECTIOUS AND PARASITIC DISEASES
STATE TOTAL	236	27	123	86
ADAMS	1		1	
ASOTIN	1			1
BENTON				
KENNEWICK				
RICHLAND				
CHELAN				
WENATCHEE				
CLALLAM	3	1	1	1
PORT ANGELES	2		1	1
CLARK	8		7	1
VANCOUVER	5		4	1
COLUMBIA	2			2
COWLITZ	9	1	6	2
KELSO	2		1	1
LONGVIEW	3	1	2	
DOUGLAS	1	1		
FERRY	1		1	
FRANKLIN	2		2	
PASCO	2		2	
GARFIELD				
GRANT	1			1
MOSES LAKE	1			1
GRAYS HARBOR	5		4	1
ABERDEEN	2		1	1
ISLAND	1			1
OAK HARBOR				
JEFFERSON	1			1
KING	78	11	40	27
AUBURN	4	1	2	1
BELLEVUE	1		1	
DES MOINES				
KENT	1		1	
KIRKLAND				
MERCER ISLAND				
REDMOND	1		1	
RENTON	1		1	
SEATTLE	50	10	23	17
KITSAP	15	1	10	4
BREMERTON	4	1	2	1
KITTITAS	1		1	
ELLENSBURG	1		1	
KLICKITAT				
LEWIS	1			1
CENTRALIA				
LINCOLN				
MASON	1		1	
OKANOGAN	3		1	2
PACIFIC	3		2	1
PEND OREILLE				
PIERCE	27	3	14	10
PUYALLUP	1		1	
TACOMA	17	2	10	5
SAN JUAN	2		2	
SKAGIT	2			2
MOUNT VERNON				
SKAMANIA				
SNOHOMISH	15	3	6	6
EDMONDS	1		1	
EVERETT	3	1	1	1
LYNNWOOD	1			1
MOUNTLAKE TERRACE				
SPOKANE	24	4	10	10
SPOKANE (CITY)	19	4	6	9
STEVENS	1			1
THURSTON	5		4	1
LACEY	1		1	
OLYMPIA	2		1	1
WAHKIAKUM				
WALLA WALLA	3		2	1
WALLA WALLA (CITY)	3		2	1
WHATCOM	3		2	1
BELLINGHAM	1		1	
WHITMAN	3		1	2
PULLMAN	1			1
YAKIMA	13	2	5	6
YAKIMA (CITY)	4		2	2

TABLE 9

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	ALL ACCIDENTS		MOTOR VEHICLE		FALLS		DROWNINGS		FIRES		ALL OTHER ACCIDENTS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	1,602	37.4	793	18.5	219	5.1	168	3.9	55	1.3	367	8.6
ADAMS	7	51.5	5	36.8	1	7.4					1	7.4
ASOTIN	4	23.8	1	6.0	1	6.0	1	6.0			1	6.0
BENTON	36	33.1	21	19.3	3	2.8	1	.9			11	10.1
KENNEWICK	10	28.0	5	14.0	2	5.6					3	8.4
RICHLAND	11	34.4	8	25.0	1	3.1					2	6.3
CHELAN	27	58.1	16	34.4	5	10.8	2	4.3	1	2.2	3	6.5
WENATCHEE	6	35.0	2	11.7	2	11.7			1	5.8	1	5.8
CLALLAM	24	46.0	13	24.9	2	3.8	4	7.7			5	9.6
PORT ANGELES	6	35.1	3	17.5			1	5.8			2	11.7
CLARK	69	34.5	43	21.5	3	1.5	6	3.0	3	1.5	14	7.0
VANCOUVER	22	51.6	16	37.6	1	2.3	2	4.7	1	2.3	2	4.7
COLUMBIA	3	75.0	1	25.0							2	50.0
COWLITZ	31	39.1	12	15.1	4	5.0	3	3.8	4	5.0	8	10.1
KELSO	6	54.5	2	18.2	2	18.2					2	18.2
LONGVIEW	14	46.7	6	20.0	1	3.3	2	6.7	1	3.3	4	13.3
DOUGLAS	9	40.2	2	8.9			4	17.9			3	13.4
FERRY	10	163.9	5	82.0					2	32.8	3	49.2
FRANKLIN	12	33.3	6	16.7	2	5.6	1	2.8			3	8.3
PASCO	7	36.6	3	15.7	2	10.5	1	5.2			1	5.2
GARFIELD												
GRANT	20	40.7	13	26.5	1	2.0	1	2.0			5	10.2
MOSES LAKE	2	19.4					1	9.7			1	9.7
GRAYS HARBOR	28	42.6	12	18.2	3	4.6	6	9.1	1	1.5	6	9.1
ABERDEEN	9	49.9	4	22.2	2	11.1	2	11.1			1	5.5
ISLAND	14	29.8	9	19.1	3	6.4	1	2.1			1	2.1
OAK HARBOR	4	32.9	1	8.2	1	8.2	1	8.2			1	8.2
JEFFERSON	9	53.6	4	23.8			1	6.0			4	23.8
KING	455	34.6	207	15.7	85	6.5	40	3.0	12	.9	111	8.4
AUBURN	9	31.0	5	17.2	2	6.9	2	6.9				
BELLEVUE	22	29.8	8	10.8	2	2.7			1	1.4	11	14.9
DES MOINES	5	48.8	2	19.5	1	9.8	1	9.8			1	9.8
KENT	8	31.4	3	11.8			3	11.8			2	7.8
KIRKLAND	5	26.5	5	26.5								
MERCER ISLAND	6	28.4	3	14.2	2	9.5					1	4.7
REDMOND	6	22.8	5	19.0	1	3.8						
RENTON	14	42.8	7	21.4	1	3.1	1	3.1			5	15.3
SEATTLE	203	41.5	75	15.3	55	11.2	19	3.9	8	1.6	46	9.4
KITSAP	78	48.3	41	25.4	9	5.6	8	5.0	1	.6	19	11.8
BREMERTON	23	64.8	11	31.0	3	8.5	1	2.8	1	2.8	7	19.7
KITTITAS	10	40.2	6	24.1	1	4.0	1	4.0			2	8.0
ELLENSBURG	3	26.0	1	8.7			1	8.7			1	8.7
KLICKITAT	10	61.3	5	30.7							5	30.7
LEWIS	28	50.0	14	25.0	3	5.4	1	1.8	5	8.9	5	8.9
CENTRALIA	7	59.8	4	34.2	1	8.5	1	8.5	1	8.5		
LINCOLN	6	62.5	4	41.7							2	20.8
MASON	16	47.6	11	32.7	2	6.0			2	6.0	1	3.0
OKANOGAN	23	73.0	12	38.1			3	9.5			8	25.4
PACIFIC	6	34.1	2	11.4			3	17.0			1	5.7
PEND OREILLE	5	56.2	3	33.7			2	22.5				
PIERCE	183	36.1	91	17.9	21	4.1	18	3.6	6	1.2	47	9.3
PUYALLUP	6	32.3	3	16.2	2	10.8					1	5.4
TACOMA	62	39.1	32	20.2	9	5.7	2	1.3	2	1.3	17	10.7
SAN JUAN	4	46.0	1	11.5					1	11.5	2	23.0
SKAGIT	43	65.1	13	19.7	1	1.5	18	27.2	5	7.6	6	9.1
MOUNT VERNON	5	36.8	3	22.1							2	14.7
SKAMANIA												
SNOHOMISH	124	34.4	60	16.6	18	5.0	15	4.2	4	1.1	27	7.5
EDMONDS	10	37.0	6	22.2	1	3.7	1	3.7			2	7.4
EVERETT	26	46.3	11	19.6	2	3.6	7	12.5	3	5.3	3	5.3
LYNNWOOD	6	26.1	4	17.4			1	4.3			1	4.3
MOUNTLAKE TERRACE	1	6.3									1	6.3
SPOKANE	117	33.6	49	14.1	25	7.2	13	3.7	4	1.1	26	7.5
SPOKANE (CITY)	67	39.4	25	14.7	19	11.2	6	3.5	3	1.8	14	8.2
STEVENS	10	33.7	6	20.2	2	6.7			2	6.7		
THURSTON	40	30.0	18	13.5	5	3.7	5	3.7	1	.7	11	8.2
LACEY	8	57.0	4	28.5	2	14.3	1	7.1			1	7.1
OLYMPIA	16	57.1	6	21.4	2	7.1	3	10.7	1	3.6	4	14.3
WAHKIAKUM												
WALLA WALLA	18	37.3	9	18.7	5	10.4	1	2.1			3	6.2
WALLA WALLA (CITY)	11	43.0	7	27.3	1	3.9	1	3.9			2	7.8
WHATCOM	39	34.8	25	22.3	5	4.5	3	2.7			6	5.4
BELLINGHAM	16	34.9	8	17.4	3	6.5	3	6.5			2	4.4
WHITMAN	12	30.1	8	20.1	2	5.0					2	5.0
PULLMAN	4	17.4	2	8.7	1	4.3					1	4.3
YAKIMA	72	40.7	45	25.4	7	4.0	6	3.4	1	.6	13	7.3
YAKIMA (CITY)	14	28.9	9	18.6	2	4.1					3	6.2

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 10

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF OCCURRENCE, WASHINGTON STATE 1983

COUNTY AND CITY	ALL ACCIDENTS NUMBER	ALL ACCIDENTS RATE	MOTOR VEHICLE NUMBER	MOTOR VEHICLE RATE	FALLS NUMBER	FALLS RATE	DROWNINGS NUMBER	DROWNINGS RATE	FIRES NUMBER	FIRES RATE	ALL OTHER ACCIDENTS NUMBER	ALL OTHER ACCIDENTS RATE
STATE TOTAL	1,578	36.8	779	18.2	230	5.4	132	3.1	56	1.3	381	8.9
ADAMS	10	73.5	9	66.2							1	7.4
ASOTIN	3	17.9	1	6.0	1	6.0	1	6.0				
BENTON	38	35.0	21	19.3	4	3.7	3	2.8			10	9.2
KENNEWICK	9	25.2	5	14.0	2	5.6					2	5.6
RICHLAND	20	62.5	10	31.3	2	6.3	3	9.4			5	15.6
CHELAN	40	86.0	19	40.9	8	17.2	5	10.8	1	2.2	7	15.1
WENATCHEE	20	116.6	12	70.0	4	23.3			1	5.8	3	17.5
CLALLAM	25	47.9	12	23.0	1	1.9	5	9.6			7	13.4
PORT ANGELES	11	64.3	6	35.1	1	5.8					4	23.4
CLARK	51	25.5	33	16.5	4	2.0	4	2.0	3	1.5	7	3.5
VANCOUVER	39	91.5	26	61.0	4	9.4	3	7.0	1	2.3	5	11.7
COLUMBIA	3	75.0	2	50.0							1	25.0
COWLITZ	40	50.4	18	22.7	2	2.5	3	3.8	4	5.0	13	16.4
KELSO	2	18.2	1	9.1							1	9.1
LONGVIEW	20	66.7	10	33.3	2	6.7	2	6.7	2	6.7	4	13.3
DOUGLAS	7	31.3	4	17.9			2	8.9			1	4.5
FERRY	9	147.5	6	98.4							3	49.2
FRANKLIN	9	25.0	6	16.7	1	2.8					2	5.6
PASCO	8	41.9	6	31.4	1	5.2					1	5.2
GARFIELD	3	125.0	1	41.7			2	83.3				
GRANT	28	57.0	19	38.7	1	2.0	2	4.1			6	12.2
MOSES LAKE	8	77.7	6	58.3	1	9.7	1	9.7				
GRAYS HARBOR	17	25.8	6	9.1	1	1.5	7	10.6			3	4.6
ABERDEEN	7	38.8	2	11.1	1	5.5	3	16.6			1	5.5
ISLAND	14	29.8	7	14.9	2	4.3	2	4.3			3	6.4
OAK HARBOR	2	16.5			1	8.2					1	8.2
JEFFERSON	9	53.6	1	6.0			3	17.9			5	29.8
KING	402	30.6	177	13.5	86	6.5	28	2.1	17	1.3	94	7.1
AUBURN	5	17.2	4	13.8	1	3.4						
BELLEVUE	22	29.8	8	10.8	7	9.5			1	1.4	6	8.1
DES MOINES	4	39.0	1	9.8	2	19.5					1	9.8
KENT	11	43.1	7	27.5	1	3.9					3	11.8
KIRKLAND	18	95.5	12	63.7	5	26.5					1	5.3
MERCER ISLAND												
REDMOND	4	15.2	1	3.8	1	3.8					2	7.6
RENTON	18	55.0	7	21.4	2	6.1	1	3.1	1	3.1	7	21.4
SEATTLE	284	58.0	118	24.1	66	13.5	19	3.9	15	3.1	66	13.5
KITSAP	61	37.7	32	19.8	7	4.3	4	2.5	2	1.2	16	9.9
BREMERTON	33	93.0	15	42.3	6	16.9	2	5.6	1	2.8	9	25.4
KITTITAS	17	68.3	15	60.2							2	8.0
ELLENSBURG	6	51.9	5	43.3							1	8.7
KLICKITAT	12	73.6	6	36.8	1	6.1	2	12.3			3	18.4
LEWIS	30	53.6	10	17.9	4	7.1	2	3.6	4	7.1	10	17.9
CENTRALIA	8	68.4	3	25.6	2	17.1			2	17.1	1	8.5
LINCOLN	3	31.3	2	20.8							1	10.4
MASON	16	47.6	9	26.8	1	3.0	1	3.0	2	6.0	3	8.9
OKANOGAN	28	88.9	16	50.8	1	3.2	6	19.0			5	15.9
PACIFIC	3	17.0			1	5.7	2	11.4				
PEND OREILLE	4	44.9	1	11.2			2	22.5			1	11.2
PIERCE	179	35.3	91	17.9	25	4.9	11	2.2	4	.8	48	9.5
PUYALLUP	22	118.6	13	70.1	4	21.6					5	27.0
TACOMA	112	70.7	56	35.4	17	10.7	6	3.8	3	1.9	30	18.9
SAN JUAN	9	103.4	1	11.5			3	34.5	1	11.5	4	46.0
SKAGIT	32	48.4	15	22.7	1	1.5	4	6.1	5	7.6	7	10.6
MOUNT VERNON	14	102.9	9	66.2	1	7.4			1	7.4	3	22.1
SKAMANIA	12	153.8	3	38.5			2	25.6			7	89.7
SNOHOMISH	121	33.5	56	15.5	18	5.0	5	1.4	4	1.1	38	10.5
EDMONDS	17	63.0	8	29.6	5	18.5					4	14.8
EVERETT	37	65.8	18	32.0	7	12.5	4	7.1	2	3.6	6	10.7
LYNNWOOD	3	13.0	1	4.3	1	4.3					1	4.3
MOUNTLAKE TERRACE	1	6.3	1	6.3								
SPOKANE	131	37.6	57	16.4	29	8.3	8	2.3	4	1.1	33	9.5
SPOKANE (CITY)	117	68.7	50	29.4	27	15.9	7	4.1	3	1.8	30	17.6
STEVENS	8	26.9	4	13.5	2	6.7			2	6.7		
THURSTON	53	39.7	34	25.5	5	3.7	3	2.2	1	.7	10	7.5
LACEY	2	14.3	2	14.3								
OLYMPIA	39	139.3	25	89.3	5	17.9	2	7.1	1	3.6	6	21.4
WAHKIAKUM	2	54.1	1	27.0			1	27.0				
WALLA WALLA	30	62.2	15	31.1	7	14.5	1	2.1			7	14.5
WALLA WALLA (CITY)	25	97.7	11	43.0	7	27.3	1	3.9			6	23.4
WHATCOM	39	34.8	25	22.3	7	6.2	1	.9			6	5.4
BELLINGHAM	16	34.9	10	21.8	3	6.5					3	6.5
WHITMAN	8	20.0	5	12.5	2	5.0					1	2.5
PULLMAN	2	8.6	1	4.3							1	4.3
YAKIMA	72	40.6	39	22.0	8	4.5	7	4.0	2	1.1	16	9.0
YAKIMA (CITY)	39	80.5	17	35.1	7	14.4	4	8.2	1	2.1	10	20.6

RATE PER 100,000 ESTIMATED POPULATION.

TABLE 11

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	SUICIDE NUMBER	SUICIDE RATE	HOMICIDE NUMBER	HOMICIDE RATE	UNDETERMINED EXTERNAL INJURIES NUMBER	UNDETERMINED EXTERNAL INJURIES RATE
STATE TOTAL	621	14.5	213	5.0	55	1.3
ADAMS	2	14.7				
ASOTIN	5	29.8	1	6.0	1	6.0
BENTON	23	21.2	3	2.8	2	1.8
KENNEWICK	11	30.8	1	2.8	1	2.8
RICHLAND	4	12.5	1	3.1	1	3.1
CHELAN	7	15.1	2	4.3		
WENATCHEE	6	34.9	1	5.8		
CLALLAM	10	19.2	2	3.8	2	3.8
PORT ANGELES	4	23.3				
CLARK	33	16.5	10	5.0	7	3.5
VANCOUVER	14	32.8	5	11.7	2	4.6
COLUMBIA					1	23.0
COWLITZ	7	8.8				1.3
KELSO	1	9.0				
LONGVIEW	4	13.3			1	3.3
DOUGLAS	1	4.3				
FERRY	2	32.8	1	16.4	1	16.4
FRANKLIN	8	22.2	2	5.6		
PASCO	4	20.9	2	10.4		
GARFIELD						
GRANT	4	8.1			1	2.0
MOSES LAKE	3	29.1				
GRAYS HARBOR	9	13.7	4	6.1	1	1.5
ABERDEEN	2	11.0			1	5.5
ISLAND	5	10.6	2	4.3		
OAK HARBOR	1	8.2				
JEFFERSON	3	17.9				
KING	172	13.1	91	6.9	15	1.1
AUBURN	5	17.2	2	6.8		
BELLEVUE	8	10.8	2	2.7		
DES MOINES	1	9.7				
KENT	6	23.5	1	3.9		
KIRKLAND	3	15.9	1	5.3		
MERCER ISLAND	2	9.4				
REDMOND	1	3.8				
RENTON	4	12.2	1	3.0		
SEATTLE	75	15.3	58	11.8	10	2.0
KITSAP	27	16.7	6	3.7	4	2.5
BREMERTON	12	33.8	1	2.8	2	5.6
KITTITAS	5	20.1				
ELLENSBURG	1	8.6				
KLICKITAT	4	24.5				
LEWIS	9	16.1	1	1.8		
CENTRALIA	4	34.1				
LINCOLN	3	31.3				
MASON	6	17.9				
OKANOGAN	5	15.9	2	6.3		
PACIFIC	3	17.0			1	5.7
PEND OREILLE	2	22.5	1	11.2		
PIERCE	73	14.4	23	4.5	5	1.0
PUYALLUP	4	21.5				
TACOMA	27	17.0	16	10.1	2	1.2
SAN JUAN	1	11.5				
SKAGIT	10	15.1	3	4.5	3	4.5
MOUNT VERNON						
SKAMANIA					1	12.8
SNOHOMISH	52	14.4	14	3.9	3	.8
EDMONDS	3	11.1	1	3.7		
EVERETT	13	23.1	5	8.8	1	1.7
LYNNWOOD	6	26.0	2	8.6		
MOUNTLAKE TERRACE	2	12.5				
SPOKANE	53	15.2	20	5.7	2	.6
SPOKANE (CITY)	33	19.3	17	9.9		
STEVENS	4	13.5	2	6.7	1	3.4
THURSTON	12	9.0	2	1.5	1	.7
LACEY					1	7.1
OLYMPIA	1	3.5				
WAHKIAKUM	1	27.0				
WALLA WALLA	5	10.4	5	10.4		
WALLA WALLA (CITY)	2	7.8	3	11.7		
WHATCOM	14	12.5	1	.9	2	1.8
BELLINGHAM	8	17.4				
WHITMAN	7	17.5	2	5.0		
PULLMAN	3	13.0	1	4.3		
YAKIMA	34	19.2	13	7.3		
YAKIMA (CITY)	12	24.7	1	2.0		

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 12

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF OCCURRENCE, WASHINGTON STATE 1983

COUNTY AND CITY	SUICIDE NUMBER	SUICIDE RATE	HOMICIDE NUMBER	HOMICIDE RATE	UNDETERMINED EXTERNAL INJURIES NUMBER	UNDETERMINED EXTERNAL INJURIES RATE
STATE TOTAL	614	14.3	220	5.1	55	1.3
ADAMS	3	22.1	1	7.4		
ASOTIN	3	17.9				
BENTON	18	16.6	3	2.8	2	1.8
KENNEWICK	14	39.2	1	2.8	1	2.8
RICHLAND	2	6.3			1	3.1
CHELAN	8	17.2	3	6.5	1	2.2
WENATCHEE	7	40.8	1	5.8	1	5.8
CLALLAM	10	19.2	2	3.8	2	3.8
PORT ANGELES	5	29.2	2	11.7	2	11.7
CLARK	29	14.5	7	3.5	7	3.5
VANCOUVER	20	46.9	5	11.7	6	14.1
COLUMBIA					1	25.0
COWLITZ	8	10.1	1	1.3	1	1.3
KELSO	1	9.1				
LONGVIEW	4	13.3			1	3.3
DOUGLAS						
FERRY	3	49.2	1	16.4	1	16.4
FRANKLIN	6	16.7	3	8.3		
PASCO	3	15.7	3	15.7		
GARFIELD						
GRANT	3	6.1				
MOSES LAKE	2	19.4				
GRAYS HARBOR	8	12.2	4	6.1	1	1.5
ABERDEEN	3	16.6			1	5.5
ISLAND	5	10.6	3	6.4		
OAK HARBOR	2	16.5				
JEFFERSON	2	11.9				
KING	167	12.7	95	7.2	15	1.1
AUBURN	5	17.2				
BELLEVUE	7	9.5	2	2.7		
DES MOINES						
KENT	10	39.2	1	3.9		
KIRKLAND	5	26.5	3	15.9		
MERCER ISLAND	2	9.5				
REDMOND						
RENTON	3	9.2	3	9.2		
SEATTLE	106	21.6	71	14.5	14	2.9
KITSAP	26	16.1	6	2.5	3	1.9
BREMERTON	14	39.5	3	8.5	2	5.6
KITTITAS	4	16.1			1	4.0
ELLENSBURG	2	17.3				
KLICKITAT	4	24.5	1	6.1		
LEWIS	9	16.1	1	1.8		
CENTRALIA	4	34.2	1	8.5		
LINCOLN	3	31.3				
MASON	6	17.9			1	3.0
OKANOGAN	7	22.2	3	9.5		
PACIFIC	3	17.0				
PEND OREILLE	2	22.5				
PIERCE	77	15.2	28	5.5	6	1.2
PUYALLUP	8	43.1			1	5.4
TACOMA	44	27.8	17	10.7	4	2.5
SAN JUAN	1	11.5				
SKAGIT	8	12.1	2	3.0	2	3.0
MOUNT VERNON	1	7.4	1	7.4	1	7.4
SKAMANIA	1	12.8				
SNOHOMISH	50	13.9	9	2.5	4	1.1
EDMONDS	5	18.5			1	3.7
EVERETT	19	33.8	4	7.1	2	3.6
LYNNWOOD	2	8.7	1	4.3		
MOUNTLAKE TERRACE	1	6.3			1	6.3
SPOKANE	58	16.7	27	7.8	2	.6
SPOKANE (CITY)	53	31.1	26	15.3	2	1.2
STEVENS	2	6.7	1	3.4	1	3.4
THURSTON	13	9.7	2	1.5	1	.7
LACEY	1	7.1			1	7.1
OLYMPIA	10	35.7	2	7.1		
WAHKIAKUM	1	27.0				
WALLA WALLA	5	10.4	6	12.4	1	2.1
WALLA WALLA (CITY)	5	19.5	6	23.4	1	3.9
WHATCOM	17	15.2	1	.9	2	1.8
BELLINGHAM	10	21.8	1	2.2	1	2.2
WHITMAN	10	25.1	2	5.0		
PULLMAN	3	13.0	1	4.3		
YAKIMA	34	19.2	10	5.6		
YAKIMA (CITY)	14	28.9	2	4.1		

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 13

RESIDENCE DEATHS WITH RATES(1) BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1983

Cause With International List Number	Total		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
Total All Causes	32,631	761.5	17,392	816.9	15,239	706.8
INFECTIOUS AND PARASITIC DISEASES						
Tuberculosis (010-018,137)	27	.6	16	.8	11	.5
Septicemia (038)	123	2.9	54	2.5	69	3.2
Other (000-139)	86	2.0	38	1.8	48	2.2
NEOPLASMS						
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	140	3.3	89	4.2	51	2.4
Malignant neoplasms of digestive organs and peritoneum (150-159)	1,869	43.6	999	46.9	870	40.4
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	2,091	48.8	1,404	65.9	687	31.9
Malignant neoplasms of breast (174,175)	636	14.8	1	.0	635	29.5
Malignant neoplasms of genitourinary organs (179-189)	1,148	26.8	610	28.7	538	25.0
Malignant neoplasms of other and unspecified sites (170-173,190-195,199)	761	17.8	399	18.7	362	16.8
Leukemia (204-208)	274	6.4	158	7.4	116	5.4
Other neoplasms of lymphatic and hematopoietic tissues (200-203)	433	10.1	230	10.8	203	9.4
Benign and unspecified neoplasms (210-239)	57	1.3	29	1.4	28	1.3
ENDOCRINE, NUTRITIONAL, METABOLIC DISEASES, AND IMMUNITY DISORDERS						
Diabetes Mellitus (250)	604	14.1	260	12.2	344	16.0
Nutritional Deficiencies (260-269)	55	1.3	15	.7	40	1.9
Other (240-279)	168	3.9	74	3.5	94	4.4

(1) Rates per 100,000 estimated population.

TABLE 13 (cont.)

RESIDENCE DEATHS WITH RATES(1) BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1983

Cause With International List Number	Total		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS						
Anemia (280-285)	55	1.3	22	1.0	33	1.5
Other (286-289)	45	1.1	30	3.5	15	.7
MENTAL DISORDERS						
Alcohol-Related (291,303,305)	78	1.8	65	3.1	13	.6
Other (290-319)	269	6.3	93	4.7	176	8.2
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS						
Parkinson's Disease (332)	121	2.8	72	3.4	49	2.3
Amyotrophic Lateral Sclerosis (335.2)	71	1.7	43	2.0	28	1.3
Other Hereditary and Degenerative Diseases of the Central Nervous System (330-337)	168	3.9	84	3.9	84	3.9
Multiple Sclerosis (340)	28	.7	7	.3	21	1.0
Other (320-326,340-389)	164	3.8	96	4.5	68	3.2
DISEASES OF THE CIRCULATORY SYSTEM						
Diseases of the Heart (393-398,402,404,410-417, 420-429)						
Chronic Rheumatic Heart Disease (391-392.0,393-398)	141	3.3	46	2.2	95	4.4
Hypertensive Heart Disease (402)	233	5.4	86	4.0	147	6.8
Hypertensive Heart and Renal Disease (404)	27	.6	12	.6	15	.7
Acute Ischemic Heart Disease (410,411)	4,110	96.9	2,488	116.9	1,622	75.2
Chronic Ischemic Heart Disease (412-414)	4,003	93.4	2,097	98.5	1,906	88.4
Other Heart Disease (415-429)	3,140	73.3	1,520	71.4	1,620	75.1
Hypertensive Disease (401,403)	123	2.9	50	2.3	73	3.4
Cerebrovascular Disease (430-438)	2,585	60.3	1,101	51.7	1,484	68.8
Arteriosclerosis (440)	506	11.8	207	9.7	299	13.9
Other (441-459)	507	11.8	295	13.9	212	9.8

(1) Rates per 100,000 estimated population.

TABLE 13 (cont.)

RESIDENCE DEATHS WITH RATES(1) BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1983

Cause With International List Number	Total Number	Total Rate	Male Number	Male Rate	Female Number	Female Rate
DISEASES OF THE RESPIRATORY SYSTEM						
Chronic and Unqualified Bronchitis (490-491)	79	1.8	43	2.0	36	1.7
Emphysema (492)	301	7.0	197	9.3	104	4.8
Asthma (493)	75	1.8	36	1.7	39	1.8
Other Chronic Obstructive Pulmonary Disease (494-496)	1,020	23.8	646	30.3	374	17.3
Pneumonia (480-486)	927	21.6	407	19.1	520	24.1
Influenza (487)	76	1.8	26	1.2	50	2.3
Other (460-478,500-519)	342	8.0	194	9.1	148	6.9
DISEASES OF THE DIGESTIVE SYSTEM						
Ulcer of Stomach and Duodenum (531-533)	126	2.9	59	2.8	67	3.1
Hernia and Intestinal Obstruction (550-553,560)	86	2.0	35	1.6	51	2.4
Cirrhosis of the Liver (571)	445	10.4	261	12.3	184	8.5
Cholelithiasis, Cholecystitis, and Cholangitis (574-576)	44	1.0	23	1.1	21	1.0
Other (520-579)	519	12.1	222	10.4	297	13.8
DISEASES OF THE GENITOURINARY SYSTEM						
Nephritis, Nephrotic Syndrome, and Nephrosis (580-589)	220	5.1	114	5.4	106	4.9
Other (590-629)	124	2.9	53	2.5	71	3.3
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM (630-676)	6	.1			6	.3
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE (680-709)	26	.6	8	.4	18	.8
DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (710-739)	103	2.4	38	1.8	65	3.0

(1) Rates per 100,000 estimated population.

TABLE 13 (cont.)

RESIDENCE DEATHS WITH RATES(1) BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1983

Cause With International List Number	Total		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
CONGENITAL ANOMALIES (740-759)	238	5.6	136	6.4	102	4.7
BIRTH INJURIES, DIFFICULT LABOR, AND OTHER ANOXIC AND HYPOXIC CONDITIONS (763,767-769)	89	2.1	50	2.3	39	1.8
OTHER CAUSES OF MORTALITY IN EARLY INFANCY (760-762,764-766,770-779)	176	4.1	101	4.7	75	3.5
SYMPTOMS, SIGNS, AND OTHER ILL-DEFINED CONDITIONS						
Sudden Infant Death Syndrome (798.0-798.1)	168	3.9	103	4.8	65	3.0
Other (780-799)	99	2.3	44	2.1	55	2.6
ACCIDENTS						
Motor Vehicle (E810-825,E9290)	793	18.5	567	26.6	226	10.5
Water Transport (E830-838)	77	1.8	73	3.4	4	.2
Air and Space Transport (E840-845)	56	1.3	46	2.2	10	.5
Accidental Poisoning (E850-869,E9292)	89	2.1	58	2.7	31	1.4
Falls (E880-888, E9293)	219	5.1	120	5.6	99	4.6
Fire and Flames (E890-899,E9294)	55	1.3	38	1.8	17	.8
Accidental Drowning (E910)	94	2.2	66	3.1	28	1.3
Other (E800-949)	219	5.1	167	7.8	52	2.4
SUICIDE						
Firearms and Explosives (E955)	361	8.4	302	14.2	59	2.7
Other (E950-954,E956-959)	260	6.1	175	8.2	85	3.9

(1) Rates per 100,000 estimated population.

TABLE 13 (cont.)

RESIDENCE DEATHS WITH RATES(1) BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1983

Cause With International List Number	Total Number	Total Rate	Male Number	Male Rate	Female Number	Female Rate
HOMICIDE						
Firearms and Explosives (E965)	126	2.9	92	4.3	34	1.6
Other (E960-964,E966-969)	87	2.0	51	2.4	36	1.7
LEGAL INTERVENTION (E970-978)	5	.1	5	.2		
UNDETERMINED EXTERNAL INJURIES (E980-989)	55	1.3	46	2.2	9	.4

(1) Rates per 100,000 estimated population.

TABLE 14

RESIDENCE DEATHS WITH RATES(1) AND PERCENT(2) BY AGE GROUP AND SEX BY LEADING CAUSES, WASHINGTON STATE 1983

	INTERNATIONAL LIST NUMBER		TOTAL			MALE			FEMALE	
		NUMBER	RATE	PERCENT(3)	NUMBER	RATE	PERCENT(3)	NUMBER	RATE	PERCENT(3)
ALL AGES										
ALL CAUSES		32,631	761.5	100.0	17,392	816.9	100.0	15,239	706.8	100.0
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	11,654	272.0	35.7	6,249	293.5	35.9	5,405	250.7	35.5
MALIGNANT NEOPLASMS	142-208,230-234	7,352	171.6	22.5	3,890	182.7	22.4	3,462	160.6	22.7
CEREBROVASCULAR DISEASE	430-438	2,585	60.3	7.9	1,101	51.7	6.3	1,484	68.8	9.7
ALL ACCIDENTS	E800-949	1,602	37.4	4.9	1,135	53.3	6.5	467	21.7	3.1
INFLUENZA AND PNEUMONIA	480-487	1,003	23.4	3.1	433	20.3	2.5	570	26.4	3.7
SUICIDE	E950-959	621	14.5	1.9	477	22.4	2.7	144	6.7	.9
DIABETES MELLITUS	250	604	14.1	1.9	260	12.2	1.5	344	16.0	2.3
ARTERIOSCLEROSIS	440	506	11.8	1.6	207	9.7	1.2	299	13.9	2.0
BRONCHITIS, EMPHYSEMA, AND ASTHMA	466,490-493	462	10.8	1.4	278	13.1	1.6	184	8.5	1.2
CIRRHOSIS OF LIVER	571	445	10.4	1.4	261	12.3	1.5	184	8.5	1.2
ALL OTHER CAUSES		5,797	135.3	17.8	3,101	145.7	17.8	2,696	125.0	17.7
UNDER 1										
ALL CAUSES		653	939.2	100.0	380	1068.3	100.0	273	803.9	100.0
CERTAIN CAUSES MORTALITY IN EARLY INFANCY	760-762,764-766, 770-779	175	251.7	26.8	100	281.1	26.3	75	220.9	27.5
SUDDEN INFANT DEATH SYNDROME	7980	166	238.7	25.4	101	283.9	26.6	65	191.4	23.8
CONGENITAL ANOMALIES	740-759	149	214.3	22.8	91	255.8	23.9	58	170.8	21.2
BIRTH INJURY, ETC.	763,767-769	84	120.8	12.9	47	132.1	12.4	37	109.0	13.6
ALL ACCIDENTS	E800-949	14	20.1	2.1	4	11.2	1.1	10	29.4	3.7
ALL OTHER CAUSES		65	93.5	9.9	37	104.0	9.7	28	82.5	10.2
1 - 4										
ALL CAUSES		112	42.0	100.0	68	49.8	100.0	44	33.9	100.0
ALL ACCIDENTS	E800-949	43	16.1	38.4	28	20.5	41.2	15	11.6	34.1
CONGENITAL ANOMALIES	740-759	14	5.3	12.5	8	5.9	11.8	6	4.6	13.6
MALIGNANT NEOPLASMS	140-208,230-234	14	5.3	12.5	8	5.9	11.8	6	4.6	13.6
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	7	2.6	6.3	4	2.9	5.9	3	2.3	6.8
HOMICIDE	E960-969	6	2.3	5.4	3	2.2	4.4	3	2.3	6.8
ALL OTHER CAUSES		28	10.5	25.0	17	12.4	25.0	11	8.5	25.0
5 - 14										
ALL CAUSES		142	23.2	100.0	88	28.0	100.0	54	18.1	100.0
ALL ACCIDENTS	E800-949	63	10.3	44.4	42	13.4	47.7	21	7.0	38.9
MALIGNANT NEOPLASMS	140-208,230-234	20	3.3	14.1	15	4.8	17.0	5	1.7	9.3
CONGENITAL ANOMALIES	740-759	10	1.6	7.0	5	1.6	5.7	5	1.7	9.3
SUICIDE	E950-959	7	1.1	4.9	6	1.9	6.8	1	.3	1.9
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	5	.8	3.5	3	1.0	3.4	2	.7	3.7
ALL OTHER CAUSES		37	6.0	26.0	17	5.4	19.3	20	6.7	37.0
15 - 24										
ALL CAUSES		650	90.2	100.0	484	130.7	100.0	166	47.3	100.0
ALL ACCIDENTS	E800-949	360	49.9	55.4	284	76.7	58.7	76	21.7	45.8
SUICIDE	E950-959	103	14.3	15.8	87	23.5	18.0	16	4.6	9.6
HOMICIDE	E960-969	50	6.9	7.7	29	7.8	6.0	21	6.0	12.7
MALIGNANT NEOPLASMS	140-208,230-234	46	6.4	7.1	27	7.3	5.6	19	5.4	11.4
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	12	1.7	1.8	7	1.9	1.4	5	1.4	3.0
ALL OTHER CAUSES		79	11.0	12.1	50	13.5	10.3	29	8.3	17.4
25 - 34										
ALL CAUSES		851	108.0	100.0	620	155.2	100.0	231	59.4	100.0
ALL ACCIDENTS	E800-949	325	41.2	38.2	272	68.1	43.9	53	13.6	22.9
SUICIDE	E950-959	154	19.5	18.1	118	29.5	19.0	36	9.3	15.6
MALIGNANT NEOPLASMS	140-208,230-234	84	10.7	9.9	39	9.8	6.3	45	11.6	19.5
HOMICIDE	E960-969	68	8.6	8.0	48	12.0	7.7	20	5.1	8.7
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	51	6.5	6.0	39	9.8	6.3	12	3.1	5.2
ALL OTHER CAUSES		169	21.4	19.8	104	26.0	16.7	65	16.7	28.1

TABLE 14 (CON'T)

RESIDENCE DEATHS WITH RATES(1) AND PERCENT(2) BY AGE GROUP AND SEX BY LEADING CAUSES, WASHINGTON STATE 1983

	INTERNATIONAL LIST NUMBER		TOTAL			MALE			FEMALE	
		NUMBER	RATE	PERCENT(3)	NUMBER	RATE	PERCENT(3)	NUMBER	RATE	PERCENT(3)
35 - 44										
ALL CAUSES		884	154.5	100.0	564	194.7	100.0	320	113.3	100.0
MALIGNANT NEOPLASMS	140-208,230-234	218	38.1	24.7	95	32.8	16.8	123	43.6	38.4
ALL ACCIDENTS	E800-949	190	33.2	21.5	149	51.4	26.4	41	14.5	12.8
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	127	22.2	14.4	101	34.9	17.9	26	9.2	8.1
SUICIDE	E950-959	103	18.0	11.7	69	23.8	12.2	34	12.0	10.6
HOMICIDE	E960-969	34	5.9	3.8	27	9.3	4.8	7	2.5	2.2
ALL OTHER CAUSES		212	37.1	23.9	123	42.5	21.8	89	31.5	27.8
45 - 54										
ALL CAUSES		1,713	433.9	100.0	1,065	537.6	100.0	648	329.4	100.0
MALIGNANT NEOPLASMS	140-208,230-234	605	153.2	35.3	303	152.9	28.5	302	153.5	46.6
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	486	123.1	28.4	373	188.3	35.0	113	57.4	17.4
ALL ACCIDENTS	E800-949	120	30.4	7.0	87	43.9	8.2	33	16.8	5.1
SUICIDE	E950-959	76	19.2	4.4	58	29.3	5.4	18	9.1	2.8
CEREBROVASCULAR DISEASE	430-438	75	19.0	4.4	48	24.2	4.5	27	13.7	4.2
ALL OTHER CAUSES		351	88.9	20.4	196	98.9	18.4	155	78.8	23.9
55 - 64										
ALL CAUSES		4,433	1142.4	100.0	2,722	1462.8	100.0	1,711	847.2	100.0
MALIGNANT NEOPLASMS	140-208,230-234	1,611	415.2	36.3	829	445.5	30.5	782	387.2	45.7
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	1,485	382.7	33.5	1,074	577.2	39.5	411	203.5	24.0
CEREBROVASCULAR DISEASE	430-438	170	43.8	3.8	97	52.1	3.6	73	36.1	4.3
CIRRHOSIS OF LIVER	571	152	39.2	3.4	95	51.1	3.5	57	28.2	3.3
ALL ACCIDENTS	E800-949	114	29.4	2.6	83	44.6	3.0	31	15.3	1.8
ALL OTHER CAUSES		901	232.2	20.3	544	292.3	19.9	357	176.8	20.8
65 - 74										
ALL CAUSES		7,718	2697.8	100.0	4,613	3520.2	100.0	3,105	2002.7	100.0
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	2,862	1000.4	37.1	1,877	1432.3	40.7	985	635.3	31.7
MALIGNANT NEOPLASMS	140-208,230-234	2,295	802.2	29.7	1,301	992.8	28.2	994	641.1	32.0
CEREBROVASCULAR DISEASE	430-438	494	172.7	6.4	250	190.8	5.4	244	157.4	7.9
BRONCHITIS, EMPHYSEMA, AND ASTHMA	466,490-493	170	59.4	2.2	112	85.5	2.4	58	37.4	1.9
DIABETES MELLITUS	250	164	57.3	2.1	74	56.5	1.6	90	58.0	2.9
ALL OTHER CAUSES		1,733	605.8	22.4	999	762.3	21.6	734	473.4	23.6
75 - 84										
ALL CAUSES		8,530	6029.1	100.0	4,357	7871.7	100.0	4,173	4845.0	100.0
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	3,475	2456.2	40.7	1,734	3132.8	39.8	1,741	2021.4	41.7
MALIGNANT NEOPLASMS	140-208,230-234	1,704	1204.4	20.0	938	1694.7	21.5	766	889.4	18.4
CEREBROVASCULAR DISEASE	430-438	892	630.5	10.5	398	719.1	9.1	494	573.6	11.8
INFLUENZA AND PNEUMONIA	480-487	307	217.0	3.6	144	260.2	3.3	163	189.2	3.9
DIABETES MELLITUS	250	171	120.9	2.0	62	112.0	1.4	109	126.6	2.6
ALL OTHER CAUSES		1,981	1400.2	23.2	1,081	1953.0	24.8	900	1044.9	21.5
85 AND OVER										
ALL CAUSES		6,942	15681.0	100.0	2,430	18878.2	100.0	4,512	14370.3	100.0
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	3,136	7083.8	45.2	1,032	8017.4	42.5	2,104	6701.1	46.6
CEREBROVASCULAR DISEASE	430-438	908	2051.1	13.1	283	2198.6	11.6	625	1990.6	13.9
MALIGNANT NEOPLASMS	140-208,230-234	755	1705.4	10.9	335	2602.5	13.8	420	1337.7	9.3
INFLUENZA AND PNEUMONIA	480-487	487	1100.1	7.0	161	1250.8	6.6	326	1038.3	7.2
ARTERIOSCLEROSIS	440	268	605.4	3.9	93	722.5	3.8	175	557.4	3.9
ALL OTHER CAUSES		1,388	3135.3	19.9	526	4086.4	21.6	862	2745.4	19.1
AGE UNKNOWN										
ALL CAUSES		3		100.0	1		100.0	2		100.0
UNDETERMINED EXTERNAL INJURIES	E980-989	2		66.7	1		100.0	1		50.0
ALL OTHER CAUSES		1		33.3				1		50.0

(1) RATE PER 100,000 POPULATION IN EACH AGE - SEX GROUP.
(2) PERCENT OF TOTAL DEATHS IN EACH AGE - SEX GROUP.
(3) DEATIL MAY NOT ADD UP TO 100 PERCENT DUE TO ROUNDING.

TABLE 13

DEATHS BY MONTH OF OCCURRENCE BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
STATE TOTAL	32,631	3,151	2,488	2,707	2,797	2,701	2,381	2,382	2,602	2,550	2,782	2,734	2,948
ADAMS	91	8	11	6	13	5	7	9	5	5	8	8	8
ASOTIN	171	13	10	16	15	14	14	17	18	10	16	11	15
BENTON	568	66	45	50	41	32	44	47	42	36	39	49	37
KENNEWICK	224	23	16	30	18	19	17	21	23	14	14	16	21
RICHLAND	188	24	15	11	13	14	17	13	8	19	14	21	19
CHELAN	502	51	39	43	44	31	41	44	35	45	34	35	40
WENATCHEE	258	35	18	25	20	22	27	21	17	21	21	14	17
CLALLAM	504	47	42	37	41	46	37	45	34	36	43	60	36
PORT ANGELES	181	16	14	10	17	12	20	18	12	15	13	15	10
CLARK	1,381	130	105	115	126	107	105	112	109	120	117	111	123
VANCOUVER	629	61	33	54	55	42	49	38	34	55	59	68	60
COLUMBIA	53	2	3	7	1	3	6	8	4	4	3	5	3
COWLITZ	678	66	52	50	61	52	44	52	63	57	63	69	49
KELSO	135	14	8	7	13	9	7	6	17	11	13	17	13
LONGVIEW	358	39	20	20	38	33	24	34	33	29	31	30	24
DOUGLAS	156	19	10	8	9	14	12	12	13	13	15	13	18
FERRY	49	4	1		5	6	4	1	8	5	2	4	9
FRANKLIN	226	20	12	20	17	20	20	20	25	17	21	17	17
PASCO	163	15	10	13	8	16	11	13	20	13	19	11	14
GARFIELD	27	3	2	2	3	1	3		1	2	6		4
GRANT	339	24	21	30	34	30	26	25	28	22	31	29	41
MOSES LAKE	92	7	8	11	7	13	2	6	10	7	9	5	7
GRAYS HARBOR	604	57	37	58	51	44	56	58	45	39	48	52	59
ABERDEEN	196	18	13	13	7	14	19	20	17	12	22	18	23
ISLAND	356	37	37	28	31	25	30	28	35	28	26	18	33
OAK HARBOR	65	11	10	1	5	7	2	5	7	3	3	4	9
JEFFERSON	169	17	21	19	20	14	6	14	11	16	12	9	10
KING	9,789	951	733	792	817	821	815	777	823	742	778	866	852
AUBURN	246	26	16	24	19	20	27	23	18	15	15	26	17
BELLEVUE	419	42	42	34	38	41	30	73	45	26	20	37	31
DES MOINES	77	5	3	7	13	7	8	9	6	3	6	4	6
KENT	136	12	9	20	10	10	11	11	10	8	14	10	11
KIRKLAND	151	23	15	7	9	11	11	9	13	13	16	10	14
MERCER ISLAND	113	11	8	10	9	11	9	2	14	10	10	7	12
REDMOND	104	10	3	10	7	13	6	13	9	13	8	5	7
RENTON	277	23	14	21	19	26	26	19	28	26	31	27	17
SEATTLE	5,279	363	411	426	463	440	426	405	436	392	431	461	465
KITSAP	1,138	108	79	104	88	90	82	78	93	83	108	95	130
BREMERTON	438	45	35	42	36	32	33	31	31	28	45	27	53
KITTITAS	199	11	8	15	20	19	19	24	12	18	17	17	19
ELLENSBURG	94	5	4	7	7	8	11	14	4	8	9	9	8
KLICKITAT	139	13	12	15	9	13	13	10	6	9	10	10	13
LEWIS	519	43	35	39	39	45	39	46	32	41	44	43	31
CENTRALIA	166	13	8	8	19	16	17	16	11	13	17	11	17
LINCOLN	107	14	7	5	8	5	14	7	6	5	14	15	7
MASON	285	25	27	29	23	23	20	19	16	30	26	19	28
OKANOGAN	290	35	12	24	31	21	29	13	24	18	26	23	34
PACIFIC	217	21	16	16	19	21	11	11	18	25	27	13	19
PEND OREILLE	89	9	7	5	5	6	11	9	7	9	10	4	7
PIERCE	3,714	359	285	332	319	302	289	312	292	310	293	301	320
PUYALLUP	216	13	22	21	16	19	15	17	11	18	23	16	25
TACOMA	1,786	182	132	154	157	149	165	142	133	147	150	141	154
SAN JUAN	69	6	9	5	3	2	6	4	3	9	8	6	8
SKAGIT	642	41	62	56	46	53	59	57	54	53	49	50	64
MOUNT VERNON	118	7	10	13	12	5	11	10	13	11	9	10	7
SKAMANIA	36	3	2	3	2	6	3	3	2	3	3	2	4
SNOHOMISH	2,301	182	181	191	192	199	179	185	178	195	219	183	217
EDMONDS	220	15	13	21	14	19	19	19	22	17	16	16	29
EVERETT	621	46	58	50	54	54	65	38	43	38	59	50	64
LYNNWOOD	150	10	9	13	12	18	14	15	9	13	18	9	10
MOUNTLAKE TERRACE	70	3	3	7	8	7	5	6	6	7	6	5	7
SPOKANE	2,940	289	197	232	262	236	240	227	245	206	281	256	269
SPOKANE (CITY)	1,964	206	127	153	169	163	165	156	170	133	185	172	169
STEVENS	239	31	21	15	24	26	11	14	23	15	25	16	18
THURSTON	977	94	81	94	89	69	67	87	67	88	77	85	79
LACEY	176	17	15	14	19	15	13	12	10	12	11	22	16
OLYMPIA	342	22	34	40	30	20	24	33	27	31	29	26	26
WAHKIAKUM	39	6	3	2	4	1	4		1	7	11	1	3
WALLA WALLA	489	34	33	39	44	32	39	40	43	53	46	43	41
WALLA WALLA (CITY)	337	34	21	27	29	21	26	29	33	26	33	29	29
WHATCOM	797	91	70	67	61	68	56	50	69	68	61	61	73
BELLINGHAM	422	54	31	39	35	34	32	24	41	26	35	29	42
WHITMAN	265	37	20	13	24	16	13	17	17	23	22	20	23
PULLMAN	53	6	4	6	5	4	6	3	4	6	4	6	3
YAKIMA	1,476	160	116	129	136	119	103	100	93	117	143	115	141
YAKIMA (CITY)	579	68	52	49	55	53	43	32	36	44	57	40	50

TABLE 16

DEATHS BY TYPE OF PLACE BY PLACE OF OCCURRENCE, WASHINGTON STATE 1983

COUNTY AND CITY	TOTAL	GENERAL HOSPITAL	NURSING HOME	HOME	FEDERAL FACILITY	PSYCHIATRIC HOSPITAL	STATE FACILITY	DEAD ON ARRIVAL	OTHER AND NOT SPECIFIED
STATE TOTAL	32,890	16,165	7,623	6,315	1,139	48	2	52	1,546
ADAMS	83	41	24	6				1	11
ASOTIN	136	56	54	24					2
BENTON	550	333	86	112					19
KENNEWICK	224	113	45	60					6
RICHLAND	256	190	26	35					5
CHELAN	599	365	143	81					30
WENATCHEE	447	285	107	45					10
CLALLAM	466	186	157	86				3	34
PORT ANGELES	310	180	75	36				2	17
CLARK	1,312	533	331	247	145			4	52
VANCOUVER	1,120	533	230	178	145			4	30
COLUMBIA	45	13	14	12					6
COWLITZ	701	392	176	104				1	30
KELSO	30	1	5	21					3
LONGVIEW	621	391	160	63					7
DOUGLAS	75		39	27					9
FERRY	31	12		12					7
FRANKLIN	182	105	30	38				1	8
PASCO	170	105	30	30				1	4
GARFIELD	28	13	10	2					3
GRANT	285	152	37	60					36
MOSES LAKE	137	70	29	26					12
GRAYS HARBOR	518	275	136	81				1	25
ABERDEEN	364	242	80	36				1	5
ISLAND	245	58	53	105	5				24
OAK HARBOR	64		20	34	5				5
JEFFERSON	125	68	25	22					10
KING	10,522	5,466	2,243	2,162	240	7	1	10	393
AUBURN	301	177	44	68					12
BELLEVUE	483	279	78	115					11
DES MOINES	128		113	12					3
KENT	86		3	70					13
KIRKLAND	390	170	143	53		7			17
MERCER ISLAND	60		29	29					2
REDMOND	240	151	53	30					6
RENTON	519	273	128	101				1	16
SEATTLE	7,726	4,363	1,420	1,470	240		1	9	223
KITSAP	1,079	443	260	241	39			5	91
BREMERTON	765	443	140	121	39			4	18
KITTITAS	188	74	53	36				2	23
ELLENSBURG	139	72	46	13				2	6
KLICKITAT	104	31	11	47				1	14
LEWIS	446	224	106	86				3	27
CENTRALIA	229	98	95	31					5
LINCOLN	69	30	18	16					5
MASON	215	94	24	72				2	23
OKANOGAN	261	125	56	49				2	29
PACIFIC	161	81	39	37				1	3
PEND OREILLE	62	27	19	12					4
PIERCE	3,889	1,824	825	635	422	25		6	152
PUYALLUP	565	303	173	76				2	11
TACOMA	3,001	1,517	585	397	416	13		3	70
SAN JUAN	56		15	29					12
SKAGIT	672	350	155	128					39
MOUNT VERNON	277	165	66	35					11
SKAMANIA	23			8					15
SNOHOMISH	2,057	945	537	453				2	120
EDMONDS	384	260	50	68				1	5
EVERETT	956	579	222	134				1	18
LYNNWOOD	81	1	31	44					5
MOUNTLAKE TERRACE	20		1	14					5
SPOKANE	3,433	1,859	781	456	213	16		1	107
SPOKANE (CITY)	3,244	1,837	718	400	202			1	86
STEVENS	184	79	45	49					11
THURSTON	980	488	243	210				1	38
LACEY	120	1	90	25					4
OLYMPIA	779	486	127	147					19
WAHKIAKUM	25		13	10					2
WALLA WALLA	644	297	173	89	75			1	9
WALLA WALLA (CITY)	567	297	126	64	75				5
WHATCOM	800	279	288	187					46
BELLINGHAM	633	279	231	110					13
WHITMAN	184	84	58	29				2	11
PULLMAN	53	32	14	6					1
YAKIMA	1,455	783	348	255			1	2	66
YAKIMA (CITY)	1,002	633	223	124				2	20

TABLE 17

OCCURRENCE DEATHS BY MONTH BY SELECTED CAUSES, WASHINGTON STATE 1983

Cause of Death and International List Number	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TOTAL ALL CAUSES	32,890	3,174	2,469	2,708	2,824	2,738	2,628	2,605	2,626	2,573	2,788	2,762	2,995
Infectious and Parasitic Diseases (001-139)	244	24	26	13	21	14	26	19	15	25	24	22	15
Pneumonia (480-486)	926	147	82	72	85	72	69	60	51	60	76	87	65
Influenza (487)	78	49	4	3	6	2			1	5	3	1	4
Bronchitis (490-491)	79	7	5	6	8	8	8	8	4	4	6	8	7
Emphysema (492)	302	40	23	28	26	35	31	19	20	24	20	12	24
Asthma (493)	77	13	8	5	2	9	6	8	4	9	9	3	1
Chronic Obstructive Pulmonary Disease (496)	1,033	120	85	103	82	101	72	74	82	68	82	86	78
Malformations (740-759)	245	19	18	13	18	22	14	17	19	29	27	23	26
Certain Causes of Mortality in Early Infancy (760-779)	171	16	15	13	14	14	11	15	17	11	12	12	21
Motorcycle Accidents (E810-E825)	85	3	4	4	11	15	7	14	12	1	12	1	1
Other Motor Vehicle Accidents (E810-E825)	684	50	36	42	70	43	64	64	63	63	55	74	60
Drownings Resulting from Boating Accidents (E830, E832)	43	5	1	5	4	5	6	1	3	4	3	6	
Falls (E880-E888)	228	23	15	10	21	24	18	22	15	20	17	24	19
Fire (E890-E899)	56	8	6	2	7	3	5	6	1	1	1	5	11
Other Accidents (E800-E928)	375	26	20	32	36	27	29	36	47	32	35	29	26
Suicide (E950-E959)	614	47	47	45	54	37	51	56	64	53	61	51	48
Homicide (E960-E969)	218	11	29	19	13	23	14	23	15	16	18	15	22

TABLE 18

RESIDENCE DEATHS BY NON-TRANSPORT CAUSES, BY PLACE OF ACCIDENT, WASHINGTON STATE 1983*

Cause of Death	Total	Home	Nursing Home	Agriculture	Industry	Public	Other and Unknown
TOTAL	660	282	28	26	31	235	58
Poisoning by drugs, medicaments and biologicals (E850-E858)	62	38				15	9
Poisoning by other solid and liquid substances, gases and vapors (E850-E869)	27	20				6	1
Misadventures and abnormal reactions due to surgical and medical care (E870-E879)	12					9	3
Falls (E880-E888)	217	101	27	2	9	64	14
Falls on stairs and ladders (E880,E881)	22	14			3	3	2
Falls from one level to another (E882-E884)	56	17	6	2	6	24	1
Falls on same level (E885,E886)	26	10	4			11	1
Other and unspecified falls (E887,E888)	113	60	17			26	10
Fire (E890-E899)	55	48				7	
Natural and environmental factors (E900-E909)	21	7		1		12	1
Drowning, excluding submersion following boating accidents (E910)	94	15			3	72	4
Inhalation and ingestion of food or other object causing suffocation and obstruction (E911,E912)	39	10	1			15	13
Mechanical suffocation (E913)	21	17			2	2	
Foreign body entering other orifice (E914-E915)	1					1	
Struck by, against or between objects (E916-E918)	42	10		12	5	15	
Machinery (E919)	24	3		9	8	4	
Explosion and explosive material (E921,E923)	3	1			2		
Firearms (E922)	16	5				10	1
Hot substance, corrosive liquid and steam (E924)	3	2				1	
Electricity (E925)	6	3		2	1		
Other and unspecified non-transport accidents	17	2			1	2	12

* See Appendix B, Technical Notes: Occurrence Data

TABLE 19

FETAL, PERINATAL, NEONATAL AND INFANT MORTALITY BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	FETAL DEATHS NUMBER	FETAL DEATHS RATIO(1)	PERINATAL MORTALITY(2) NUMBER	PERINATAL MORTALITY(2) RATE(3)	NEONATAL MORTALITY NUMBER	NEONATAL MORTALITY RATE(4)	INFANT MORTALITY NUMBER	INFANT MORTALITY RATE(4)
STATE TOTAL	474	6.9	763	11.0	373	5.4	653	9.5
ADAMS	1	3.4	3	10.0	2	6.7	3	10.1
ASOTIN			3	12.3	3	12.3	3	12.3
BENTON	14	6.7	24	11.3	12	5.7	15	7.1
KENNEWICK	3	3.3	8	8.7	5	5.5	7	7.6
RICHLAND	8	16.4	11	22.2	3	6.2	4	8.2
CHELAN	10	12.0	16	19.0	6	7.2	9	10.8
WENATCHEE	4	11.8	7	20.5	3	8.9	3	8.9
CLALLAM	5	6.3	9	11.3	4	5.1	9	11.4
PORT ANGELES							3	10.7
CLARK	13	4.3	21	6.9	13	4.3	24	7.9
VANCOUVER	4	3.4	8	6.8	5	4.3	10	8.6
COLUMBIA	2	36.4	2	35.1				
COWLITZ	5	4.0	10	8.0	7	5.6	16	12.8
KELSO			1	4.6	1	4.6	2	9.1
LONGVIEW	4	7.9	5	9.8	3	5.9	8	15.7
DOUGLAS	3	8.7	4	11.5	1	2.9	1	2.9
FERRY					1	9.1	3	27.3
FRANKLIN	11	12.7	14	16.0	3	3.5	5	5.8
PASCO	9	16.5	11	19.8	2	3.7	2	3.7
GARFIELD								
GRANT	7	7.3	11	11.3	5	5.2	9	9.3
MOSES LAKE			1	5.0	2	10.0	3	15.0
GRAYS HARBOR	8	7.9	11	10.7	5	4.9	7	6.9
ABERDEEN	2	7.5	3	11.1	1	3.7	1	3.7
ISLAND	5	5.7	11	12.4	8	9.1	9	10.2
OAK HARBOR	1	3.0	1	3.0	1	3.0	1	3.0
JEFFERSON								
KING	157	8.4	224	11.9	93	5.0	155	8.3
AUBURN	3	5.4	5	9.0	4	7.2	5	9.0
BELLEVUE	6	7.2	7	8.4	2	2.4	4	4.8
KENT	5	9.4	6	11.2	1	1.9	4	7.5
KIRKLAND	4	11.4	6	16.9	3	8.6	4	11.4
MERCER ISLAND	1	6.4	1	6.3				
REDMOND	6	14.8	6	14.6	1	2.5	1	2.5
RENTON	5	8.4	6	10.0	1	1.7	2	3.4
SEATTLE	66	10.0	97	14.5	41	6.2	70	10.6
KITSAP	18	6.2	45	15.4	31	10.7	39	13.4
BREMERTON	3	3.5	19	21.9	19	21.9	20	23.1
KITTITAS	4	12.0	6	17.8	2	6.0	2	6.0
KLICKITAT	1	3.6	2	7.1	2	7.1	3	10.7
LEWIS	5	5.5	7	7.7	4	4.4	9	9.9
CENTRALIA	2	8.5	3	12.6	2	8.5	2	8.5
LINCOLN								
MASON	3	6.1	4	8.1	1	2.0	4	8.2
OKANOGAN	6	9.9	10	16.4	4	6.6	7	11.6
PACIFIC	3	12.5	5	20.6	2	8.3	4	16.7
PEND OREILLE	1	8.3	2	16.5	1	8.3	1	8.3
PIERCE	52	5.6	103	11.1	62	6.7	114	12.4
PUYALLUP	3	9.7	3	9.6	1	3.2	3	9.7
TACOMA	18	6.1	40	13.5	27	9.1	46	15.6
SAN JUAN			1	9.5	1	9.5	1	9.5
SKAGIT	7	6.6	14	13.2	9	8.5	12	11.4
MOUNT VERNON	1	3.8	3	11.3	3	11.3	4	15.1
SKAMANIA			1	9.3	1	9.3	1	9.3
SNOHOMISH	37	6.1	50	8.1	20	3.3	41	6.7
EDMONDS	3	7.5	3	7.4			2	5.0
EVERETT	10	7.7	14	10.7	6	4.6	13	10.0
LYNNWOOD	5	8.7	5	8.6	1	1.7	3	5.2
MOUNTLAKE TERRACE	1	3.7	2	7.4	1	3.7	1	3.7
SPOKANE	39	7.0	65	11.6	33	5.9	68	12.3
SPOKANE (CITY)	21	7.0	35	11.6	20	6.7	40	13.3
STEVENS	3	6.0	4	8.0	2	4.0	4	8.0
THURSTON	8	3.7	16	7.4	9	4.2	21	9.7
LACEY			2	7.8	2	7.8	3	11.8
OLYMPIA	3	4.8	5	7.9	2	3.2	3	4.8
WAHKIAKUM								
WALLA WALLA	2	2.7	4	5.4	4	5.4	7	9.4
WALLA WALLA (CITY)	2	4.7	4	9.3	3	7.0	6	14.0
WHATCOM	12	7.2	18	10.8	7	4.2	12	7.2
BELLINGHAM	5	8.2	7	11.4	2	3.3	3	4.9
WHITMAN	4	8.8	4	8.8	1	2.2	3	6.6
PULLMAN	3	13.3	3	13.3	1	4.5	1	4.5
YAKIMA	28	8.4	39	11.7	14	4.2	32	9.7
YAKIMA (CITY)	7	7.6	12	12.8	7	7.6	15	16.2

(1)RATIO PER 1,000 LIVE BIRTHS
(2)FETAL DEATHS PLUS LIVEBORN INFANTS DYING AT 6 DAYS AND UNDER
(3)RATE PER 1,000 LIVE BIRTHS PLUS FETAL DEATHS
(4)RATE PER 1,000 LIVE BIRTHS

TABLE 20

FETAL, PERINATAL, NEONATAL AND INFANT MORTALITY BY PLACE OF OCCURRENCE, WASHINGTON STATE 1983

COUNTY AND CITY	FETAL DEATHS NUMBER	FETAL DEATHS RATIO(1)	PERINATAL MORTALITY(2) NUMBER	PERINATAL MORTALITY(2) RATE(3)	NEONATAL MORTALITY NUMBER	NEONATAL MORTALITY RATE(4)	INFANT MORTALITY NUMBER	INFANT MORTALITY RATE(4)
STATE TOTAL	482	7.1	775	11.3	377	5.5	667	9.8
ADAMS							2	7.3
ASOTIN								
BENTON	21	8.3	29	11.4	8	3.2	11	4.4
KENNEWICK	5	5.8	5	5.8			1	1.2
RICHLAND	15	11.1	21	15.5	6	4.4	8	5.9
CHELAN	12	9.6	16	12.6	4	3.2	4	3.2
WENATCHEE	9	8.2	12	10.8	3	2.7	3	2.7
CLALLAM	5	6.4	5	6.4			4	5.1
PORT ANGELES	5	7.7	5	7.6			3	4.6
CLARK	9	4.1	10	4.6	2	.9	9	4.1
VANCOUVER	9	4.2	10	4.6	2	.9	9	4.2
COLUMBIA	2	69.0	2	64.5				
COWLITZ	6	4.3	8	5.7	2	1.4	7	5.0
LONGVIEW	6	4.3	8	5.8	2	1.4	7	5.1
DOUGLAS								
FERRY					1	18.9	2	37.7
FRANKLIN	4	8.3	5	10.2	1	2.1	1	2.1
PASCO	4	8.3	5	10.3	1	2.1	1	2.1
GARFIELD								
GRANT	5	7.1	7	9.9	2	2.9	5	7.1
MOSES LAKE	2	3.7	3	5.6	1	1.9	2	3.7
GRAYS HARBOR	4	5.3	4	5.3	1	1.3	3	4.0
ABERDEEN	4	5.8	4	5.8			2	2.9
ISLAND	4	5.3	4	5.3				
OAK HARBOR	3	7.3	3	7.2				
JEFFERSON								
KING	179	8.8	291	14.1	160	7.8	256	12.6
AUBURN	7	12.3	8	13.9	1	1.8	2	3.5
BELLEVUE	14	6.9	16	7.8	3	1.5	7	3.4
KENT							2	95.2
KIRKLAND	10	9.9	11	10.8	1	1.0	2	2.0
REDMOND	8	4.4	11	6.0	3	1.7	4	2.2
RENTON	13	6.7	15	7.7	2	1.0	4	2.1
SEATTLE	126	10.0	229	18.0	149	11.8	228	18.1
KITSAP	16	6.5	27	11.0	11	4.5	19	7.8
BREMERTON	16	6.7	27	11.3	11	4.6	14	5.9
KITTITAS			1	3.7	2	7.4	2	7.4
ELLENSBURG			1	4.0	1	4.0	1	4.0
KLICKITAT	1	4.6	1	4.6				
LEWIS	6	6.9	7	8.0	1	1.2	3	3.5
CENTRALIA	3	7.2	4	9.5	1	2.4	3	7.2
LINCOLN								
MASON	1	4.4	1	4.4			3	13.3
OKANOGAN	7	11.5	7	11.4			3	4.9
PACIFIC	1	9.7	1	9.6				
PEND OREILLE	1	10.4	1	10.3				
PIERCE	61	6.0	131	12.9	82	8.1	137	13.6
PUYALLUP	6	5.0	10	8.2	4	3.3	11	9.1
TACOMA	54	6.2	120	13.8	77	8.9	120	13.9
SAN JUAN			1	31.3	1	31.3	1	31.3
SKAGIT	8	5.9	10	7.4	2	1.5	3	2.2
MOUNT VERNON	3	3.4	5	5.6	2	2.2	3	3.4
SKAMANIA								
SNOHOMISH	22	4.8	28	6.1	8	1.7	25	5.5
EDMONDS	9	5.4	10	6.0	2	1.2	7	4.2
EVERETT	10	4.2	12	5.0	3	1.3	8	3.4
LYNNWOOD							1	58.8
SPOKANE	48	7.5	102	15.9	68	10.7	109	17.1
SPOKANE (CITY)	43	7.3	96	16.2	67	11.4	102	17.3
STEVENS	2	5.8	2	5.8			2	5.8
THURSTON	8	3.6	10	4.5	2	.9	13	5.9
LACEY	1	250.0	1	200.0			1	250.0
OLYMPIA	7	3.2	9	4.1	2	.9	9	4.1
WAHKIAKUM								
WALLA WALLA	4	3.8	7	6.6	4	3.8	8	7.6
WALLA WALLA (CITY)	4	3.8	7	6.7	4	3.8	8	7.6
WHATCOM	12	7.7	15	9.6	3	1.9	7	4.5
BELLINGHAM	12	7.8	15	9.7	3	2.0	6	3.9
WHITMAN	3	6.5	3	6.4				
PULLMAN	3	7.6	3	7.6				
YAKIMA	30	9.0	39	11.6	12	3.6	28	8.4
YAKIMA (CITY)	22	9.4	29	12.3	10	4.3	17	7.3

(1)RATIO PER 1,000 LIVE BIRTHS
(2)FETAL DEATHS PLUS LIVEBORN INFANTS DYING AT 6 DAYS AND UNDER
(3)RATE PER 1,000 LIVE BIRTHS PLUS FETAL DEATHS
(4)RATE PER 1,000 LIVE BIRTHS

TABLE 21

RESIDENCE, MATCHED INFANT DEATHS BY MOTHER'S AGE GROUP, WASHINGTON STATE 1983*

COUNTY AND CITY	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	AGE UNKNOWN
STATE TOTAL	653	2	111	209	167	89	27	7	1	39
ADAMS	3				1	1	1			
ASOTIN	3		1	2						
BENTON	15		2	4	6	2		1		
KENNEWICK	7			3	4					
RICHLAND	4			1	1	1		1		
CHELAN	9		2	3	4					
WENATCHEE	3		1		2					
CLALLAM	9		2	2	3	1	1			
PORT ANGELES	3				1	1	1			
CLARK	24		2	7	4	6				5
VANCOUVER	10		2	2	1	2				3
COLUMBIA										
COWLITZ	16		8	4	3					1
KELSO	2		2							
LONGVIEW	8		4	1	3					
DOUGLAS	1			1						
FERRY	3		1		2					
FRANKLIN	5			2	1	2				
PASCO	2			1		1				
GARFIELD										
GRANT	9			3	3	1				2
MOSES LAKE	3				1	1				1
GRAYS HARBOR	7	1		3	2					1
ABERDEEN	1	1								
ISLAND	9		2	4	1	2				
OAK HARBOR	1			1						
JEFFERSON										
KING	155		19	43	49	26	7	2		9
AUBURN	5			3			1			1
BELLEVUE	4			3		1				
KENT	4			2		1	1			
KIRKLAND	4			1	2	1				
REDMOND	1					1				
RENTON	2			1	1					
SEATTLE	70		12	14	25	9	3	2		5
KITSAP	39		5	14	8	7	1	1		3
BREMERTON	20		3	10	2	3				2
KITTITAS	2			1	1					
KLICKITAT	3		1			2				
LEWIS	9		1	2	1	2	2			1
CENTRALIA	2			1			1			
LINCOLN										
MASON	4		1	2	1					
OKANOGAN	7		3	2						2
PACIFIC	4			3			1			
PEND OREILLE	1					1				
PIERCE	114		21	43	32	9	2	2		5
PUYALLUP	3			2	1					
TACOMA	46		8	13	18	3	1	2		1
SAN JUAN	1			1						
SKAGIT	12		2	3	3	3				1
MOUNT VERNON	4		1	2	1					
SKAMANIA	1									1
SNOHOMISH	41		6	15	9	5	3	1		2
EDMONDS	2				1	1				
EVERETT	13		1	8	1		1	1		1
LYNNWOOD	3				2		1			
MOUNTLAKE TERRACE	1		1							
SPOKANE	68	2	11	21	15	12	3			4
SPOKANE (CITY)	40	2	7	11	11	6	2			1
STEVENS	4		2		2					
THURSTON	21		3	9	6	1	2			
LACEY	3			1	2					
OLYMPIA	3		1	1	1					
WAHKIAKUM										
WALLA WALLA	7		2	1	2	1	1			
WALLA WALLA (CITY)	6		2	1	2	1				
WHATCOM	12		2	2	3	3	1		1	
BELLINGHAM	3			1		1	1			
WHITMAN	3			1		1				1
PULLMAN	1					1				
YAKIMA	32		12	11	5	1	2			1
YAKIMA (CITY)	15		8	2	3	1	1			

*DEATHS ARE MATCHED WITH BIRTHS TO FIND MOTHER'S AGE.
RESIDENCE IS THE INFANT'S AT THE TIME OF DEATH.

TABLE 22

RESIDENCE FETAL MORTALITY BY SEX AND WEIGHT, WASHINGTON STATE 1983

GRAM WEIGHT	TOTAL	MALE	FEMALE	SEX UNKNOWN
STATE TOTAL	474	229	239	6
1,000 GRAMS OR LESS	264	135	126	3
1,001 - 1,500	37	19	17	1
1,501 - 2,000	28	13	15	
2,001 - 2,500	27	10	17	
2,501 - 3,000	38	13	25	
3,001 - 3,500	39	15	24	
3,501 - 4,000	22	15	7	
4,001 - 4,500	11	5	4	2
4,501 AND OVER	8	4	4	

TABLE 23

FETAL MORTALITY BY CAUSE, WASHINGTON STATE 1983

Cause with International List Number		Totals
TOTAL ALL CAUSES		474
CONGENITAL ANOMALIES		49
Anencephalus (740)	7	
Spina Bifida (741)	1	
Hydrocephalus and Encephalocele (742)	3	
Anomalies of the Heart (745-746)	3	
Other Anomalies of circulatory system (747)	1	
Anomalies of urinary system (753)	9	
Anomalies of Musculoskeletal System (755-756)	3	
Chromosomal Anomalies (758)	3	
Other and Unspecified Congenital Anomalies	19	
CERTAIN CAUSES OF PERINATAL MORBIDITY AND MORTALITY (760-779)		423
Maternal Conditions which may be Unrelated to Pregnancy (760)		
Chronic Hypertension (760.0)	11	
Maternal Infections (760.2)	1	
Maternal Injury (760.5)	3	
Other Maternal Conditions (760.1,760.3-760.4,760.6-760.9)	9	
Maternal Conditions Related to Pregnancy (761)		
Incompetent Cervix (7610)	6	
Premature Rupture of Membranes (761.1)	14	
Other Maternal Conditions (761.2-761.9)	10	
Complications of Placenta, Cord, and Membranes (762)		
Complications of Placenta (762.0-762.3)	79	
Complications of Cord (762.4-762.6)	97	
Complications of Membranes (762.7-762.9)	9	
Complications of Labor (763)	2	
Other Complications of Pregnancy and Childbirth (764-767)	17	
Intrauterine Hypoxia (768)	28	
Diseases of the Fetus and Ill-defined Causes (770-779)		
Respiratory Conditions (770)	4	
Infections Specific to the Perinatal Period (771)	1	
Fetal Hemorrhage (772)	2	
Haemolytic Disease (773)	4	
Haematological Disorders (776)	1	
Conditions Involving the Integument and Temperature Regulation (778)	6	
Other Conditions of Fetus (776-779)	119	
ALL OTHER CAUSES (001-739,780-799)		2

TABLE 24

INFANT MORTALITY BY RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1984

COUNTY AND CITY	TOTAL	WHITE	BLACK	MEXICAN/ CHICANO	INDIAN	JAPA- NESE	CHI- NESE	FILI- PINO	OTHER ASIAN	OTHER	UNKNOWN
STATE TOTAL	653	547	56	6	23	1		4	9		5
ADAMS	3	3									
ASOTIN	3	3									
BENTON	15	15									
KENNEWICK	7	7									
RICHLAND	4	4									
CHELAN	9	9									
WENATCHEE	3	3									
CLALLAM	9	7			2						
PORT ANGELES	3	3									
CLARK	24	22							2		
VANCOUVER	10	9							1		
COLUMBIA											
COWLITZ	16	16									
KELSO	2	2									
LONGVIEW	8	8									
DOUGLAS	1	1									
FERRY	3	3									
FRANKLIN	5	4		1							
PASCO	2	1		1							
GARFIELD											
GRANT	9	9									
MOSES LAKE	3	3									
GRAYS HARBOR	7	6			1						
ABERDEEN	1	1									
ISLAND	9	9									
OAK HARBOR	1	1									
JEFFERSON											
KING	155	121	23	1	1	1		2	3		3
AUBURN	5	5									
BELLEVUE	4	4									
KENT	4	3	1								
KIRKLAND	4	3						1			
MERCER ISLAND											
REDMOND	1	1									
RENTON	2	2									
SEATTLE	70	43	20	1	1				2		3
KITSAP	39	32	4					1			2
BREMERTON	20	15	4								1
KITTITAS	2	2									
KLICKITAT	3	3									
LEWIS	9	8	1								
CENTRALIA	2	2									
LINCOLN											
MASON	4	3			1						
OKANOGAN	7	5			2						
PACIFIC	4	4									
PEND OREILLE	1	1									
PIERCE	114	81	26		3			1	3		
PUYALLUP	3	3									
TACOMA	46	29	13		2			1	1		
SAN JUAN	1	1									
SKAGIT	12	12									
MOUNT VERNON	4	4									
SKAMANIA	1	1									
SNOHOMISH	41	36			4				1		
EDMONDS	2	2									
EVERETT	13	9			3				1		
LYNNWOOD	3	3									
MOUNTLAKE TERRACE	1	1									
SPOKANE	68	64	2		2						
SPOKANE (CITY)	40	36	2		2						
STEVENS	4	3			1						
THURSTON	21	21									
LACEY	3	3									
OLYMPIA	3	3									
WAHKIAKUM											
WALLA WALLA	7	7									
WALLA WALLA (CITY)	6	6									
WHATCOM	12	9		1	2						
BELLINGHAM	3	2			1						
WHITMAN	3	3									
PULLMAN	1	1									
YAKIMA	32	23		3	6						
YAKIMA (CITY)	15	13		1	1						

TABLE 25

INFANT MORTALITY BY AGE AND SEX BY CAUSE, WASHINGTON STATE 1983

Cause and International List Number	Total		Under 1 Day		1 Day-Under 7 Days		7 Days-Under 28 Days		28 Days-Under 3 Mo.		3 Mo.-Under 6 Mo.		6 Mo.-Under 9 Mo.		9 Mo.-Under 12 Mo.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL ALL CAUSES	380	273	103	91	64	31	51	33	84	59	53	42	20	11	5	6
All infective and parasitic diseases (000-139)	3	8				1			3	6						
Malignant neoplasms (140-208,230-234)																
Meningitis (320,322)	3	1					1			1			1		1	
Pneumonia and influenza (480-487)	6	2					2		1	2			2		1	
Other diseases of respiratory system (510-519)	3	1							1	1	2					
Hernia and intestinal obstruction (550-553,560)																
Congenital malformations (740-759)	91	58	25	25	23	9	18	12	8	3	11	6	6	2		1
Anencephalus (740)	4	7	3	6	1			1								
Spina bifida and meningocele (741)	1										1					
Other central nervous system malformations (742)	4	5		2	3						1	2				
Anomalies of the heart (745-746)	31	10	3		8	3	6	5	5		5	1	4	1		
Other anomalies of circulatory system (747)	12	6	1	1	6	2	5	2				1				
Anomalies of the respiratory system (748)	10	8	6	3	1	2	2	2				1	1			
Anomalies of the digestive system (751)	6	1					2		2	1	2					
Anomalies of the genitourinary system (752-753)	5	4	4	4	1											
Anomalies of the musculoskeletal system (754-756)																
Other congenital malformations	18	17	8	9	3	2	3	2	1	2	2	1	1	1		
Certain diseases of early infancy (760-779)	147	112	75	64	38	20	21	18	9	5	2	2	1	3	1	
Maternal diseases affecting child (760)		1				1										
Complications of pregnancy affecting child (761-762)	13	21	12	20	1			1								
Birth injuries (763,767-769)	47	37	19	14	19	14	7	6	1	2	1			1		
Other diseases peculiar to early infancy	87	53	44	30	18	5	14	11	8	3	1	2	1	2	1	
Sudden infant death syndrome (7980)	101	65	1		1		6	2	55	35	31	26	6	1	1	1
All other diseases	20	14	2	1	2	1	1		7	3	5	6	3	2		1
All accidents (E800-E949)	4	10					2			3	1	2		2	1	3
Motor vehicle accidents (E810-E825)		2								1		1				
Accidental drowning and submersion (E910)		3														3
Inhalation of food or other object causing obstruction or suffocation (E911,E912)	1	1					1			1						
Mechanical suffocation in bed or cradle and in other and unspecified circumstances (E913)	3	1					1				1			1	1	
All other accidents		3								1		1		1		
Homicide (E963-E968)		2		1										1		
Injury undetermined whether accidentally or purposely inflicted (E980-988)	2										1			1		

TABLE 26

INFANT MORTALITY BY LEADING CAUSES, BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	TOTAL ALL CAUSES	BIRTH INJURIES	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	CONGENITAL MALFORMATIONS	INFLUENZA AND PNEUMONIA	ALL ACCIDENTS	SUDDEN INFANT DEATH	ALL OTHER CAUSES
STATE TOTAL	653	84	175	149	8	14	166	57
ADAMS	3		1	1				1
ASOTIN	3		3					
BENTON	15	3	4	7			1	
KENNEWICK	7	2	2	2			1	
RICHLAND	4		2	2				
CHELAN	9	1	2	3		1	2	
WENATCHEE	3	1	1	1				
CLALLAM	9	1	2	1			5	
PORT ANGELES	3						3	
CLARK	24	4	7	3			9	1
VANCOUVER	10	1	3	2			3	1
COLUMBIA								
COWLITZ	16	3	4	4			4	1
KELSO	2	1		1				
LONGVIEW	8		3	2			3	
DOUGLAS	1		1					
FERRY	3		1				2	
FRANKLIN	5		2	1	1			1
PASCO	2		2					
GARFIELD								
GRANT	9	2	2				4	1
MOSES LAKE	3		2				1	
GRAYS HARBOR	7	2	1	1			2	1
ABERDEEN	1		1					
ISLAND	9	2	4	2			1	
OAK HARBOR	1			1				
JEFFERSON								
KING	155	21	42	38	1	2	38	13
AUBURN	5	1	2	1			1	
BELLEVUE	4	2					2	
KENT	4	1	2					1
KIRKLAND	4			3			1	
MERCER ISLAND								
REDMOND	1			1				
RENTON	2			1			1	
SEATTLE	70	9	19	13	1	2	20	6
KITSAP	39	4	17	10	1	2	4	1
BREMERTON	20	3	10	5	1		1	
KITTITAS	2			2				
KLICKITAT	3		1	1				1
LEWIS	9	1		4			1	3
CENTRALIA	2			2				
LINCOLN								
MASON	4	1					3	
OKANOGAN	7		3	2		1	1	
PACIFIC	4	1	2					1
PEND OREILLE	1		1					
PIERCE	114	16	29	25	2	5	26	11
PUYALLUP	3			1	1		1	
TACOMA	46	8	11	11		3	11	2
SAN JUAN	1		1					
SKAGIT	12	4	4	3				1
MOUNT VERNON	4	2	2					
SKAMANIA	1		1					
SNOHOMISH	41	4	8	10		1	13	5
EDMONDS	2		1	1				
EVERETT	13	1	2	2			5	3
LYNNWOOD	3	1					2	
MOUNTLAKE TERRACE	1	1						
SPOKANE	68	4	16	17	1	2	21	7
SPOKANE (CITY)	40	3	9	12	1	1	10	4
STEVENS	4		2		1		1	
THURSTON	21	6	1	4			9	1
LACEY	3	1		2				
OLYMPIA	3	1	1				1	
WAHKIAKUM								
WALLA WALLA	7		3	2			2	
WALLA WALLA (CITY)	6		3	1			2	
WHATCOM	12	1	3	3			3	2
BELLINGHAM	3		1	1			1	
WHITMAN	3			2			1	
PULLMAN	1			1				
YAKIMA	32	3	7	3	1		13	5
YAKIMA (CITY)	15	2	3	1	1		6	2

MARRIAGES AND DISSOLUTIONS

TABLE [illegible]

MARRIAGES BY COUNTY OF MARRIAGE BY BRIDE AND GROOM AGE GROUP, WASHINGTON STATE 1983

COUNTY		TOTAL	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99	OTHER & UNKNOWN
STATE TOTAL	BRIDE	46,294	7	6,584	15,438	9,753	5,895	3,591	1,940	1,076	567	458	383	283	198	66	29	6	20
	GROOM	46,294		2,116	13,967	11,278	7,025	4,409	2,623	1,616	986	718	634	392	247	163	68	29	23
ADAMS	BRIDE	126		31	44	14	9	10	9	2	3	2		1		1			
	GROOM	126		15	46	21	13	8	6	6	4	2	2	2		1			
ASOTIN	BRIDE	137		29	45	27	12	7	6	6	2	1	1	3	1	1			
	GROOM	137		10	43	27	23	8	12	6	2		2	3	1	2			
BENTON	BRIDE	1,234		225	446	224	129	86	49	36	16	9	9	3	3	1			
	GROOM	1,234		83	396	305	175	99	55	45	31	20	10	4	6	5			
CHELAN	BRIDE	648		111	211	125	80	42	27	17	6	9	5	8	5	1	1		
	GROOM	648		45	200	138	111	46	36	22	10	10	7	6	8	9			
CLALLAN	BRIDE	583	1	103	186	105	61	48	24	18	9	10	6	3	6	2	1		
	GROOM	583		40	152	143	102	47	25	25	3	12	9	14	5	2	3	1	
CLARK	BRIDE	3,879		524	1,104	766	521	374	233	134	62	53	39	26	22	8	7		6
	GROOM	3,879		175	992	804	626	427	293	175	118	87	63	57	30	14	11	6	1
COLUMBIA	BRIDE	38		9	10	6	4	2	2	1	1	1		1	1				
	GROOM	38		2	10	10	5	2	2		1		3	1		1	1		
COWLITZ	BRIDE	[illegible]		181	259	146	99	71	31	19	6	8	6	6	3	1			
	GROOM	836		43	276	194	114	82	47	30	16	11	8	6	6	2	1		
DOUGLAS	BRIDE	169		37	56	24	23	9	6	6	1	2	2	1	1	1			
	GROOM	169		14	60	36	23	10	5	6	5	3	1	4			1	1	
FERRY	BRIDE	32		8	10	5	4	3	1		1								
	GROOM	32		1	9	13	1	2	3	1			1			1			
FRANKLIN	BRIDE	260		55	96	45	25	16	8	1	2	8	1	1	1			1	
	GROOM	260		28	86	60	27	14	17	9	3	3	8	5					
GARFIELD	BRIDE	22		5	10	1	2	2		1		1							
	GROOM	22		1	9	6	3		2						1				
GRANT	BRIDE	419		101	135	77	32	29	17	9	4	7	4	2	1		1		
	GROOM	419		35	148	83	52	35	26	9	7	6	9	5	2	2			
GRAYS HARBOR	BRIDE	657		108	205	116	87	57	36	14	12	5	9	2	5	1			
	GROOM	657		39	189	144	89	59	53	20	30	10	12	7	1	2		1	1
ISLAND	BRIDE	496		87	170	96	46	42	15	12	9	6	7	2	4				
	GROOM	496		30	166	106	69	43	24	16	11	9	7	6	3	4	1	1	
JEFFERSON	BRIDE	226		30	51	50	44	24	15	3	2	3	2	1			1		
	GROOM	226		3	50	53	43	36	17	6	6	4	2	2	2		1	1	
KING	BRIDE	14,176	1	1,316	4,635	3,518	2,041	1,181	592	316	162	133	123	90	45	12	7		6
	GROOM	14,176		332	3,700	3,965	2,375	1,521	808	512	296	230	191	109	67	41	17	8	4
KITSAP	BRIDE	1,883		320	575	421	245	144	77	35	20	12	14	11	5	2			2
	GROOM	1,883		94	642	405	301	184	107	45	26	21	23	12	9	9	1		4
KITTITAS	BRIDE	226		22	95	38	30	13	8	8	2	2	5	1	1	1			
	GROOM	226		15	65	54	36	20	9	9	6	2	2	6	1			1	
KLICKITAT	BRIDE	184		37	44	36	18	24	7	7	1	1	4	2	3				
	GROOM	184		13	45	39	26	19	13	10	9	4	1	1	3	1			
LEWIS	BRIDE	648	1	156	234	89	59	40	20	19	7	9	5	1	1	3	2	1	1
	GROOM	648		61	228	131	85	55	27	15	12	14	10	2	2	4	1		1
LINCOLN	BRIDE	66		10	31	9	6	3	3	2			1	1					
	GROOM	66		2	27	14	9	2	2	5	2	1		1			1		
MASON	BRIDE	316		60	91	57	49	25	14	8	2	2	4	2	2				
	GROOM	316		18	96	69	44	29	23	12	7	8	4	2	2	1	1		
OKANOGAN	BRIDE	323	1	54	104	58	36	28	18	9	5	3	3	3	1				
	GROOM	323		21	98	60	50	33	16	13	13	4	6	6	1	2			
PACIFIC	BRIDE	253		37	82	40	33	16	14	9	7	7	1	3	2	2			
	GROOM	253		16	67	62	30	24	12	14	7	7	6	3	1	4			
PEND OREILLE	BRIDE	91		26	24	16	11	5		4		1	3	1					
	GROOM	91		8	29	16	15	6	5	6	1		3	2					
PIERCE	BRIDE	5,731		956	2,111	1,141	647	377	178	101	61	46	38	32	27	7	3		6
	GROOM	5,731		301	2,123	1,350	754	438	279	158	114	62	65	29	26	20	8	1	3
SAN JUAN	BRIDE	161		7	20	58	42	24	3	3	3		1						
	GROOM	161		1	16	36	47	34	10	9	6	1	1						
SKAGIT	BRIDE	837		132	259	166	112	68	37	23	11	6	6	9	6	1		1	
	GROOM	837		49	267	173	114	77	55	37	21	12	11	10	4	5	1	1	
SKAMANIA	BRIDE	118		22	22	17	16	12	8	4	3	2	1	4	4	2	1		
	GROOM	118		5	24	20	17	17	5	8	3	3	7	2	5	1			1
SNOHOMISH	BRIDE	3,260	1	486	1,138	640	391	224	161	81	41	35	21	19	12	4	2	2	2
	GROOM	3,260		155	970	813	474	312	186	123	66	49	54	25	18	7	5	1	2
SPOKANE	BRIDE	3,128	1	447	1,183	672	358	205	95	53	31	32	18	14	12	6	1		
	GROOM	3,128		153	1,087	773	455	258	138	88	52	39	33	21	10	10	5	1	5
STEVENS	BRIDE	202		45	64	24	26	14	12	5	4	2	3	3					
	GROOM	202		18	67	36	20	21	11	6	12	2	6	2	1				
THURSTON	BRIDE	1,368		205	456	260	178	116	57	34	21	5	16	9	6	2	1	1	1
	GROOM	1,368		73	412	308	203	121	91	55	31	23	21	8	11	4	4	2	1
WAHKIAKUM	BRIDE	41		13	10	4	6	4	2	2									
	GROOM	41		5	13	9	7	1	2	2	1		1						
WALLA WALLA	BRIDE	578	1	91	182	122	55	46	39	16	6	10	3	3	3	1			
	GROOM	578		34	169	137	[illegible]	[illegible]	40	24	7	8	10	3	3	3	2	2	
WHATCOM	BRIDE	1,072		152	362	224	141	80	43	25	20	6	7	2	9	1			
	GROOM	1,072		50	321	250	167	101	66	41	22	21	15	10	7	1			
WHITMAN	BRIDE	180		23	82	31	22	9	3	4	[illegible]		1	1	2		1		
	GROOM	180		7	69	50	18	15	6	4	[illegible]	1	2	2		1	1	1	
YAKIMA	BRIDE	1,690		323	596	287	195	111	72	33	19	19	14	12	4	5			
	GROOM	1,690		119	600	365	217	152	89	46	22	29	16	14	11	6	2		

TABLE 2

DISSOLUTIONS, ANNULMENTS, AND SEPARATE MAINTENANCE BY COUNTY OF DECREE, WASHINGTON STATE 1983

COUNTY OF DECREE	TOTAL	DISSOLUTION	ANNULMENT	SEPARATE MAINTENANCE	NOT STATED
STATE TOTAL	27,503	27,299	151		53
ADAMS	61	60	1		
ASOTIN	116	116			
BENTON	691	691			
CHELAN	407	403	4		
CLALLAM	308	305	3		
CLARK	1,309	1,304	4		1
COLUMBIA	26	26			
COWLITZ	593	590	3		
DOUGLAS	39	39			
FERRY	21	21			
FRANKLIN	283	282	1		
GARFIELD	12	12			
GRANT	325	322	3		
GRAYS HARBOR	462	458	1		3
ISLAND	287	286	1		
JEFFERSON	110	110			
KING	8,582	8,509	42		31
KITSAP	890	889	1		
KITTITAS	104	104			
KLICKITAT	98	97	1		
LEWIS	380	377	2		1
LINCOLN	55	54	1		
MASON	170	168	2		
OKANOGAN	181	181			
PACIFIC	106	101	4		1
PEND OREILLE	44	44			
PIERCE	3,639	3,617	22		
SAN JUAN	37	36			1
SKAGIT	499	496	3		
SKAMANIA	53	50	3		
SNOHOMISH	2,153	2,136	14		3
SPOKANE	2,237	2,212	15		10
STEVENS	176	174	2		
THURSTON	958	950	8		
WAHKIAKUM	28	27	1		
WALLA WALLA	301	296	3		2
WHATCOM	632	630	2		
WHITMAN	98	97	1		
YAKIMA	1,032	1,029	3		

TABLE 3

DISSOLUTIONS BY TOTAL LIVING CHILDREN BY PLACE OF RESIDENCE, WASHINGTON STATE 1983*

COUNTY OF DECREE	TOTAL	NUMBER OF CHILDREN 0	1	2	3	4	5	6	7	EIGHT OR MORE	NOT STATED
STATE TOTAL	27,299	11,100	5,461	5,098	1,789	622	200	84	36	20	2,889
ADAMS	60	22	16	9	5	2	2		1		3
ASOTIN	116	48	28	23	9	5	2	1			
BENTON	691	296	137	156	45	29	1	1	1		25
CHELAN	403	188	84	80	27	3	3		1		17
CLALLAM	305	118	79	69	20	4	2		1		12
CLARK	1,304	541	275	295	104	37	5	1	3	1	42
COLUMBIA	26	12	5	7	2						
COWLITZ	590	234	121	143	43	17	4	2		2	24
DOUGLAS	39	21	10	6	1						1
FERRY	21	7	6	5		1					2
FRANKLIN	282	128	61	39	29	11	5	1	1		7
GARFIELD	12	6		4		1					1
GRANT	322	111	77	72	26	12	6	3			15
GRAYS HARBOR	458	150	115	95	35	17	4	3		1	38
ISLAND	286	128	71	49	20	8	1	2			7
JEFFERSON	110	48	21	18	8	4	1	2	2		6
KING	8,509	3,674	1,563	1,369	478	168	55	22	11	8	1,161
KITSAP	889	379	214	179	61	14	4		1		37
KITTITAS	104	50	20	19	12						3
KLICKITAT	97	37	16	25	11	3	1				4
LEWIS	377	141	91	86	30	7	6	1			15
LINCOLN	54	17	8	18	5	3	1		1		1
MASON	168	70	43	29	12	5	3	1			5
OKANOGAN	181	62	36	54	14	6	2	1	1		5
PACIFIC	101	39	21	24	9	2	1	1			4
PEND OREILLE	44	16	7	12	5		1				3
PIERCE	3,617	1,514	841	751	269	80	31	10	2	1	118
SAN JUAN	36	18	9	4	3		1				1
SKAGIT	496	203	113	104	45	13	4	1			13
SKAMANIA	50	23	12	10	3			1		1	
SNOHOMISH	2,136	490	222	217	58	27	9	3	1		1,109
SPOKANE	2,212	997	474	439	158	49	10	10	3		72
STEVENS	174	62	38	38	19	5	3	2			7
THURSTON	950	379	194	219	63	28	8	4	3	1	51
WAHKIAKUM	27	11	5	7	2		1				1
WALLA WALLA	296	125	63	64	23	6	2	3	1	2	7
WHATCOM	630	251	133	138	45	17	7	1		1	37
WHITMAN	97	52	13	18	7	5					2
YAKIMA	1,029	432	219	204	83	33	14	7	2	2	33

*INCLUDES ALL LIVING CHILDREN REGARDLESS OF AGE

TABLE 4

DISSOLUTIONS BY COUNTY OF DIVORCE BY HUSBAND AND WIFE AGE GROUP, WASHINGTON STATE 1983

COUNTY		TOTAL	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99	OTHER & UNK
STATE TOTAL	WIFE	27,299	3	408	4,137	5,644	4,816	3,741	2,234	1,169	687	420	265	115	58	29	4	6	3,559
	HUSBAND	27,299		67	2,474	5,096	5,081	4,113	2,877	1,725	1,037	670	409	201	97	50	26	12	3,364
ADAMS	WIFE	60		3	9	16	11	12	4	1	1	2	2						2
	HUSBAND	60			6	15	10	14	1	2	5		4						5
ASOTIN	WIFE	116		3	13	36	20	16	12	6	2	2	2	1					3
	HUSBAND	116			8	29	24	16	14	9	5	4	3	1	1				2
BENTON	WIFE	691	1	8	137	160	121	107	72	25	18	12	8	5		1			16
	HUSBAND	691		2	77	144	149	99	84	49	33	20	14	3		1	2		14
CHELAN	WIFE	403		6	74	94	80	70	35	16	8	7	6						7
	HUSBAND	403		4	39	94	81	63	44	33	12	13	8	7					5
CLALLAM	WIFE	305		7	58	65	51	43	30	18	3	5	5	3	3	2			12
	HUSBAND	305		2	32	61	56	51	30	28	8	7	6	6	2		2	1	13
CLARK	WIFE	1,304	1	18	206	287	266	208	115	63	41	17	13	6	5	1	1		56
	HUSBAND	1,304		4	111	244	266	233	177	105	53	25	27	9	3	6	1		46
COLUMBIA	WIFE	26		1	7	6	4	5		2			1						
	HUSBAND	26			2	8	5	2	4	2	1	1				1			
COWLITZ	WIFE	590		18	117	124	126	82	47	26	12	11	6		1				22
	HUSBAND	590		1	86	111	126	80	80	30	28	23	4	5	1				15
DOUGLAS	WIFE	39		2	7	7	7	4	2	1	1	2							6
	HUSBAND	39			5	6	9	5	1	2	1	1	2						7
FERRY	WIFE	21		1		2	3	1	3										11
	HUSBAND	21			1	1		3	2	3									11
FRANKLIN	WIFE	282		5	65	47	49	52	19	14	12	2	2		1			1	13
	HUSBAND	282		1	37	53	56	44	30	13	15	11	8	1		2			11
GARFIELD	WIFE	12		1	1		5	1	1	1		1							1
	HUSBAND	12			1	1	3	4			1		1						1
GRANT	WIFE	322		12	49	62	63	55	26	18	7	4	3	1				2	20
	HUSBAND	322		2	37	60	60	54	37	23	15	7	6	4	1			1	15
GRAYS HARBOR	WIFE	458		5	92	96	74	65	36	18	12	4	4	2	3	1			66
	HUSBAND	458		1	52	86	95	67	41	21	19	16	6	2	5	1			66
ISLAND	WIFE	286		14	75	61	65	31	26	13	6	2	3	1	1				8
	HUSBAND	286			66	65	49	36	21	20	13	3	2	3					8
JEFFERSON	WIFE	110		1	20	18	27	14	11	7	4	5	2						5
	HUSBAND	110			8	15	25	21	16	9	4	5	6						3
KING	WIFE	8,509	1	76	997	1,688	1,544	1,220	725	395	238	129	83	28	20	6		2	1,357
	HUSBAND	8,509		12	533	1,480	1,597	1,371	914	567	350	217	127	57	27	11	4	2	1,240
KITSAP	WIFE	889		18	189	231	146	128	75	30	16	12	6	1	1	1			35
	HUSBAND	889		7	108	219	173	140	98	59	18	18	5	4	2	3	2		33
KITTITAS	WIFE	104		2	15	26	26	13	11	4		3	2						2
	HUSBAND	104			11	25	21	19	12	4	3	5	3						3
KLICKITAT	WIFE	97		2	15	12	20	16	9	6	2	4	3	3	1				6
	HUSBAND	97			10	12	15	17	13	13	7	3	1	4	1	2			1
LEWIS	WIFE	377		9	55	76	56	53	20	11	8	[illegible]	6	[illegible]		2			78
	HUSBAND	377			39	72	72	43	31	27	6	11	4	4	1	1		2	64
LINCOLN	WIFE	54			2	10	10	9	10	5	1	1		1					5
	HUSBAND	54			1	5	9	10	7	8	5	1	1		1				6
MASON	WIFE	168		2	25	28	40	23	17	9	5	3	6	2					8
	HUSBAND	168			18	23	43	25	19	15	8	7	4	1	1				4
OKANOGAN	WIFE	181		1	34	40	33	29	11	9	7	5		1			2		9
	HUSBAND	181			18	37	38	32	16	13	4	4	9				2		8
PACIFIC	WIFE	101		1	12	23	19	19	7	2	7	2	2						7
	HUSBAND	101			9	18	19	18	11	9	6	5		1					5
PEND OREILLE	WIFE	44		1	6	7	4	12	4	2	3			1					4
	HUSBAND	44			7	4	4	7	11	3	1	2		1					4
PIERCE	WIFE	3,617	1	72	688	877	636	494	283	168	76	62	23	18	9	3	1		206
	HUSBAND	3,617		12	460	826	689	538	374	197	142	82	45	32	9	5	3		203
SAN JUAN	WIFE	36			2	4	6	11	3	4	3	1	1	1					
	HUSBAND	36				5	5	10	9	1	1	3	1				1		
SKAGIT	WIFE	496		9	86	96	90	65	46	28	17	11	5	5		1			33
	HUSBAND	496			51	92	92	72	61	37	28	23	4	2	6	2	1		25
SKAMANIA	WIFE	50		2	11	8	11	2	9	4	3								
	HUSBAND	50			8	8	11	9	3	5	2	2	2						
SNOHOMISH	WIFE	2,136		13	175	253	209	166	92	37	30	16	12	3		3			1,127
	HUSBAND	2,136		3	96	217	218	180	137	62	39	24	16	9	3	1	1		1,130
SPOKANE	WIFE	2,212	1	40	405	534	416	280	186	100	64	40	29	14	6	3	1		95
	HUSBAND	2,212		5	238	489	436	349	224	155	77	64	34	23	10	5	3	1	99
STEVENS	WIFE	174		5	23	24	31	28	20	8	2	2	1						30
	HUSBAND	174			11	16	34	22	26	15	5	3	4			1			37
THURSTON	WIFE	950		18	156	184	179	146	79	40	27	18	9	3	1	2		1	87
	HUSBAND	950		2	91	176	196	143	106	68	44	22	11	4	3	1	3	1	79
WAHKIAKUM	WIFE	27				4	7	4	5	1	1	1	2						2
	HUSBAND	27				4	4	9	3	2	3		2						
WALLA WALLA	WIFE	296		5	39	69	52	41	25	15	12	7	3	1	1				24
	HUSBAND	296		4	17	63	58	51	28	22	15	3	8	5	4	1			17
WHATCOM	WIFE	630		7	81	123	118	76	48	20	11	9	8	3	4				122
	HUSBAND	630			56	89	119	103	56	27	20	8	14	6	8	3			121
WHITMAN	WIFE	97		2	12	29	14	19	12	2	1		1						5
	HUSBAND	97			8	19	22	14	17	11	2	1							3
YAKIMA	WIFE	1,029		19	177	217	199	137	100	42	30	14	6	10	3	3	1		71
	HUSBAND	1,029		5	118	204	191	157	119	67	41	25	19	7	6	3	1	4	60

APPENDIX

APPENDIX A

DEFINITIONS

GENERAL TERMS

BIRTH WEIGHT - Weight of fetus or infant at time of delivery (normally recorded in pounds and ounces).

FETAL DEATH - Death prior to the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy. The death is indicated by the fact that after such expulsion or extraction the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. Reporting of fetal deaths to the State is required only when the gestational period is greater than twenty weeks.

GESTATIONAL PERIOD - Number of weeks elapsed between the first day of the last menstrual period and date of delivery.

INFANT DEATH - Death of an infant under one year of age.

LIVE BIRTH - The complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which, after such expulsion or extraction, breathes, or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.

LIVE BIRTH ORDER - Total number of live births to a given mother, including current birth.

MATERNAL DEATH - Death attributed to complications of pregnancy, childbirth, or the puerperium.

NEONATAL DEATH - Death of an infant within the first 27 days of life.

OCCURRENCE DATA - Data allocated by place where event occurred, regardless of the person's place of residence.

PERINATAL DEATH - Stillbirths plus deaths to infants within the first six days of life.

PREMATURE BIRTH - A live birth weighing 2,500 grams (5-1/2 pounds) or less. If birth weight is not stated, length of gestation (under 37 weeks) is used.

RESIDENCE DATA - Data allocated by place of residence of the decedent (deaths), or by place of residence of the child's mother (births, stillbirths).

RATES AND RATIOS

Rates are calculated by dividing the event of concern by the population at risk or a related population and multiplying by a constant. Death rates from all causes and live births are expressed in terms of 1,000 estimated population; deaths from a specific cause are based on 100,000 estimated population. Additionally, maternal deaths are calculated per 10,000 live births; fetal death ratios and infant and neonatal death rates are calculated per 1,000 live births.

AGE-SPECIFIC DEATH RATE - Number of deaths in a specific age group per 100,000 population in that age group.

CAUSE-SPECIFIC DEATH RATE - Number of deaths from a specific cause per 100,000 population.

(CRUDE) BIRTH RATE - Number of live births per 1,000 population.

(CRUDE) DEATH RATE - Number of deaths per 1,000 population.

FERTILITY RATE - Number of live births per 1,000 women, 15-44 years of age.

FETAL DEATH RATIO - Number of stillbirths per 1,000 live births.

INFANT DEATH RATE - Number of infant deaths per 1,000 live births.

MATERNAL DEATH RATE - Number of maternal deaths per 10,000 live births.

NEONATAL DEATH RATE - Number of neonatal deaths per 1,000 live births.

PERINATAL DEATH RATE - Number of perinatal deaths per 1,000 live births plus fetal deaths.

APPENDIX B

TECHNICAL NOTES

RELIABILITY OF THE DATA

In analyzing any data, the possibility of errors in the data must not be overlooked. There are several types of possible errors, including under-registration, errors made by the informant, and errors in compilation and processing. The most potentially dangerous error, however, is probably that of improper interpretation.

Statistics are neither more true nor false than the interpretation given to them . It should be emphasized that most of the rates computed in this report are crude rates. For comparing geographic areas, crude rates are limited. They do not reflect differences in age, sex, race, and other population characteristics. In addition, it is important to recognize the possible distortion in these rates where the number of events or the population is small. Minor variations in the number of events may result in major changes in the rates. Special caution should also be exercised in analyzing trend data, because of changes throughout the years in medical diagnosis, coding definitions, and registration coverage.

COLLECTION YEAR

Data for the Vital Statistics summary are compiled from items on birth, death, marriage, and divorce certificates (see Appendix F for samples) received before April 15, 1984. Washington State is a member of the interstate exchange and receives birth and death certificates of residents who have died in other states. Out-of-State marriage and divorce certificates are not exchanged; therefore, only occurrence data are obtainable.

POPULATION

Population data in this report are an estimate of population provided by the Washington State Office of Financial Management, April 1, 1983.

CAUSE OF DEATH CLASSIFICATION

The causes of death presented herein are classified in accordance with the The International Classification of Diseases, Ninth Revision published by the World Health Organization. The State of Washington began this revision using January 1, 1979.

RACE

The determination of race on birth and death certificates follows decision rules established by the National Center for Health Statistics (NCHS).

If more than one race is listed and one is Hawaiian, Hawaiian is preferred. In cases of other non-white races, the first non-white race listed is preferred, except in instances where one of the races is Black. In this latter case Black is preferred.

To determine race of newborns on birth certificates, each parent's race is first established according to the previous rules. Rules to determine race of the child, then, fall along a similar pattern:

1. If either parent is Hawaiian, then the child's race is considered Hawaiian.
2. If neither parent is Hawaiian, and either parent is Black, then the child's race is determined to be Black.
3. In other cases where one parent is white and the other non-white, the non-white race is selected as the race of the child.
4. If both parents are non-white, the father's race is selected except where the mother's race is Hawaiian or Black.

ROUNDING

Rates are rounded to the nearest tenth. When the rate or percent is less than one-tenth, the entry is 0. Where whole numbers are used, a blank indicates none or zero.

OCCURRENCE DATA

Occurrence death data are limited in two ways. As the death certificate does not specify inside or outside of corporate limits for place of death, rural deaths may be incorrectly assigned to cities because the location of death was in close proximity to a city. Informants often are unaware of city boundaries. Further, death certificates indicating trauma report the location of death not the location where the injury occurred. Transportation of victims to hospitals may also incorrectly assign rural accidents to cities. This could result in an improper interpretion of an excess of urban as compared to rural accidents.

Data concerning type of place of accident, see Table 18, are gathered from the accident portion of the death certificate according to rules established by the National Safety Council. Table 18 shows the type of place where the accident occurred not the location. Agriculture deaths include deaths occurring at work in fishing, timber, and farming industries.

APPENDIX C

CONVERSION OF BIRTHWEIGHT GROUPS IN GRAMS TO POUNDS AND OUNCES

GRAMWEIGHT	POUNDS AND OUNCES
1,000 grams and under	2 lbs. 3 oz. and less
1,001 - 1,500	2 lbs. 4 oz. - 3 lbs. 4 oz.
1,501 - 2,000	3 lbs. 5 oz. - 4 lbs. 6 oz.
2,001 - 2,500	4 lbs. 7 oz. - 5 lbs. 8 oz.
2,501 - 3,000	5 lbs. 9 oz. - 6 lbs. 9 oz.
3,001 - 3,500	6 lbs. 10 oz. - 7 lbs. 11 oz.
3,501 - 4,000	7 lbs. 12 oz. - 8 lbs. 13 oz.
4,001 - 4,500	8 lbs. 14 oz. - 9 lbs. 14 oz.
4,501 grams and over	9 lbs. 15 oz. and over

One pound = 453.59 grams

APPENDIX D

POPULATION OF THE STATE OF WASHINGTON BY AGE GROUP, BY SEX, APRIL 1, 1983

AGE GROUP	TOTAL	MALE	FEMALE
TOTAL	4,285,100	2,129,008	2,156,092
UNDER 1 YR	69,529	35,571	33,958
1 - 4	266,471	136,611	129,860
5 - 14	613,121	314,076	299,045
15 - 24	721,002	370,245	350,757
25 - 34	788,256	399,445	388,811
35 - 44	572,014	289,603	282,411
45 - 54	394,832	198,109	196,723
55 - 64	388,038	186,081	201,957
65 - 74	286,087	131,045	155,042
75 - 84	141,480	55,350	86,130
85 AND OVER	44,270	12,872	31,398

APPENDIX E

POPULATION, STATE OF WASHINGTON, COUNTIES AND CITIES OF 10,000 POPULATION AND OVER, APRIL 1, 1983

	CITY TOTAL	COUNTY TOTAL
ADAMS		13,600
ASOTIN		16,800
BENTON		108,700
KENNEWICK	35,700	
RICHLAND	32,000	
CHELAN		46,500
WENATCHEE	17,150	
CLALLAM		52,200
PORT ANGELES	17,100	
CLARK		200,000
VANCOUVER	42,600	
COLUMBIA		4,000
COWLITZ		79,300
KELSO	11,000	
LONGVIEW	30,000	
DOUGLAS		22,400
FERRY		6,100
FRANKLIN		36,000
PASCO	19,100	
GARFIELD		2,400
GRANT		49,100
MOSES LAKE	10,300	
GRAYS HARBOR		65,800
ABERDEEN	18,050	
ISLAND		47,000
OAK HARBOR	12,150	
JEFFERSON		16,800
KING		1,315,800
AUBURN	29,000	
BELLEVUE	73,900	
DES MOINES	10,250	
KENT	25,500	
KIRKLAND	18,850	
MERCER ISLAND	21,150	
REDMOND	26,300	
RENTON	32,700	
SEATTLE	489,700	
KITSAP		161,600
BREMERTON	35,475	
KITTITAS		24,900
ELLENSBURG	11,550	
KLICKITAT		16,300
LEWIS		56,000
CENTRALIA	11,700	
LINCOLN		9,600
MASON		33,600
OKANOGAN		31,500
PACIFIC		17,600
PEND OREILLE		8,900
PIERCE		507,000
PUYALLUP	18,550	
TACOMA	158,400	
SAN JUAN		8,700
SKAGIT		66,100
MOUNT VERNON	13,600	
SKAMANIA		7,800
SNOHOMISH		360,900
EDMONDS	27,000	
EVERETT	56,200	
LYNNWOOD	23,000	
MOUNTLAKE TERRACE	16,000	
SPOKANE		348,000
SPOKANE (CITY)	170,200	
STEVENS		29,700
THURSTON		133,500
LACEY	14,030	
OLYMPIA	28,000	
WAHKIAKUM		3,700
WALLA WALLA		48,200
WALLA WALLA (CITY)	25,600	
WHATCOM		112,100
BELLINGHAM	45,900	
WHITMAN		39,900
PULLMAN	23,000	
YAKIMA		177,000
YAKIMA (CITY)	48,500	
STATE TOTAL		4,285,100

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4 OCCURRENCE
5 RESIDENCE
6 TRACT
7 OCCUPATION
8
9
10
11
12

STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES
VITAL RECORDS

CERTIFICATE OF DEATH

LOCAL FILE NUMBER

146-8

STATE FILE NUMBER

IF DEATH OCCURRED IN INSTITUTION SEE HANDBOOK REGARDING COMPLETION OF RESIDENCE ITEM 5.

DECEDENT

1. NAME - FIRST, MIDDLE, LAST
2. SEX
3. DEATH DATE *(MO DAY YR)*
4. RACE *(WHITE, BLACK, AM. IND. ETC. SPECIFY)*
5. AGE - LAST BIRTHDAY *(YRS)*
6. UNDER 1 YEAR MOS. DAYS
7. UNDER 1 DAY HOURS MINS.
8. BIRTHDATE *(MO DAY YR)*
9. COUNTY OF DEATH
10. CITY, TOWN OR LOCATION OF DEATH
11. PLACE OF DEATH - ☒ BOX FOR PLACE THEN GIVE ADDRESS OR INSTITUTION NAME
0. ☐ HOME 2. ☐ IN TRANSPORT 3. ☐ EMERG RM/OUT PTN 4. ☐ HOSP. 5. ☐ NUR HOME 1. ☐ OTHER PLACE
12. RECEIVED EMERGENCY CAR
AMBULANCE, FIREFTR, PARAMED
YES/N
13. BIRTH STATE *(IF NOT IN USA GIVE COUNTRY)*
14. CITIZEN OF WHAT COUNTRY
15. MARRIED, NEVER MARRIED, WIDOWED, DIVORCED
16. SPOUSE *(IF WIFE GIVE MAIDEN NAME)*
17. WAS DECEDENT EVER IN U.S. ARMED FORCES? *(YES/N*
18. SOCIAL SECURITY NO
19. USUAL OCCUPATION *(GIVE KIND OF WORK DONE DURING MOST OF WORKING LIFE EVEN IF RETIRED.)*
20. KIND OF BUSINESS OR INDUSTRY
21. RESIDENCE - NUMBER AND STREET
22. CITY/TOWN, OR LOCATION
23. INSIDE CITY LIMITS? *(YES/NO)*
24. COUNTY
25. STATE

PARENTS

26. FATHER - NAME FIRST, MIDDLE, LAST
27. MOTHER - MAIDEN NAME FIRST, MIDDLE, LAST
28. INFORMANT - NAME
29. MAILING ADDRESS STREET OR RFD NO. CITY OR TOWN STATE ZIP

DISPOSITION

30. BURIAL, CREMATION, REMOVAL, OTHER *(SPECIFY)*
31. DATE *(MO DAY YR)*
32. CEMETERY/CREMATORY - NAME
33. LOCATION - CITY/TOWN, STATE
34. FUNERAL DIRECTOR
SIGNATURE
X
35. NAME OF FACILITY
36. ADDRESS OF FACILITY

CERTIFIER

TO BE COMPLETED ONLY BY CERTIFYING PHYSICIAN

37. TO THE BEST OF MY KNOWLEDGE, DEATH OCCURRED AT THE TIME, DATE, AND PLACE AND DUE TO THE CAUSE(S) STATED.
SIGNATURE AND TITLE
X
38. DATE SIGNED *(MO DAY YR)*
39. HOUR OF DEATH *(24 HRS)*
40. NAME AND TITLE OF ATTENDING PHYSICIAN IF OTHER THAN CERTIFIER *(TYPE OR PRINT)*

TO BE COMPLETED ONLY BY MEDICAL EXAMINER OR CORONER

41. ON THE BASIS OF EXAMINATION AND/OR INVESTIGATION, IN MY OPINION DEATH OCCURRED A THE TIME, DATE AND PLACE AND DUE TO THE CAUSE(S) STATED.
SIGNATURE AND TITLE
X
42. DATE SIGNED *(MO DAY YR)*
43. HOUR OF DEATH *(24 HRS)*
44. PRONOUNCED DEAD *(MO DAY YR)*
45. HOUR PRONOUNCED DEAD *(24 HRS)*

46. NAME AND ADDRESS OF CERTIFIER - PHYSICIAN, MEDICAL EXAMINER OR CORONER *(TYPE OR PRINT)*

CAUSE OF DEATH

CONDITIONS IF ANY WHICH GAVE RISE TO IMMEDIATE CAUSE STATING UNDERLYING CAUSE LAST.

47. IMMEDIATE CAUSE *(ENTER ONLY ONE CAUSE PER LINE FOR (A), (B) and (C))* INTERVAL BETWEEN ONSET AND DEATH
(A)
DUE TO, OR AS A CONSEQUENCE OF: INTERVAL BETWEEN ONSET AND DEATH
(B)
DUE TO, OR AS A CONSEQUENCE OF: INTERVAL BETWEEN ONSET AND DEATH
(C)
48. OTHER SIGNIFICANT CONDITIONS-CONDITIONS CONTRIBUTING TO DEATH BUT NOT RELATED TO CAUSE GIVEN ABOVE.
49. AUTOPSY? *(YES NO)*
50. WAS CASE REFERRED TO MEDICAL EXAMINER OR CORONER? *(YES/NO)*
51. ACC., SUICIDE, HOM., UNDET., OR PENDING INVEST. *(SPECIFY)*
52. INJURY DATE *(MO DAY YR)*
53. HOUR OF INJURY *(24 HRS.)*
54. DESCRIBE HOW INJURY OCCURRED.
55. INJURY AT WORK? *(YES/NO)*
56. PLACE OF INJURY - AT HOME, FARM, STREET, FACTORY, OFFICE BLDG. ETC. *(SPECIFY)*
57. LOCATION - STREET OR RFD NO., CITY/TOWN, STATE

ACC LOC
QUERIES

58. REGISTRAR SIGNATURE
X
59. DATE RECEIVED *(MO DAY YR)*

FOR STATE REGISTRAR USE ONLY	ITEM	DOCUMENTARY EVIDENCE:	REVIEWED BY:	DATE:	ITEM	DOCUMENTARY EVIDENCE:	REVIEWED BY:	DATE:

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4 OCCUR
5
6
7
8
9
10
11 RESID.
12 TRACT
13 QUERIES
14
15
16
17
18 F-OCCUP
19 M-OCCUP
20
MALFORM

TYPE OR PRINT ENTIRE FORM IN PERMANENT BLACK INK

STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES
VITAL RECORDS

CERTIFICATE OF FETAL DEATH

146-8

LOCAL FILE NUMBER
STATE FILE NUMBER

FETUS
NAME—FIRST | MIDDLE | LAST
2 SEX
3 DELIVERY DATE (Mo-Day-Yr)
4 HOUR (24 Hr Day) M
5 PLACE OF DELIVERY (Circle or X) 1 Hospital 3 Birth Center 5 Home 2 Enroute 4 Oth Med Facil 6 Other
6 FACILITY NAME (Address if not Facility)
7 CITY/TOWN/LOCATION
8 COUNTY OF DELIVERY

CAUSE FETAL DEATH
9 PART I. [ENTER ONLY ONE CAUSE PER LINE FOR (A), (B), AND (C)]
— Fetal or Maternal condition directly causing fetal death — A IMMEDIATE CAUSE
Fetal and/or Maternal conditions, if any, giving rise to the immediate cause (A) stating the underlying cause last — B DUE TO, OR AS A CONSEQUENCE OF:
C DUE TO, OR AS A CONSEQUENCE OF:
10 SPECIFY FETAL OR MATERNAL
11 PART II. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER: Conditions contributing to Fetal Death but not related to cause given in Part I(A)
12 FETUS DIED (Circle or X) 1 Before Labor 2 During Labor 3 During Delivery 4 Unknown
13 AUTOPSY (Y/N)

CERTIFIER
14 THE ABOVE IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF SIGNATURE X
15 DATE (Mo-Day-Yr)
16 NAME, TITLE ATTENDANT AT DELIVERY IF OTHER THAN CERTIFIER (TYPE OR PRINT)
17 NAME, TITLE (TYPE OR PRINT)
18 MAILING ADDRESS (Street, Box Number, City, State, Zip)

FA
19 NAME, FIRST | MIDDLE | LAST
20 AGE (At Time This Delivery)
21 BIRTH STATE (If not U.S. give Country)

MOTHER
22 NAME, FIRST | MIDDLE | LAST (Maiden)
23 AGE (At Time this Delivery)
24 BIRTH STATE (If not U.S. give Country)
25 RESIDENCE (Number and Street)
26 CITY/TOWN/LOCATION
27 INSIDE CITY LIMITS (Y/N)
28 COUNTY
29 STATE

DISPOSITION
30 BURIAL, CREMATION, REMOVAL, OTHER (Specify)
31 DATE (Mo-Day-Yr)
32 CEMETERY/CREMATORY—NAME
33 LOCATION—CITY/TOWN, STATE
34 FUNERAL DIRECTOR SIGNATURE X
35 NAME OF FACILITY
36 ADDRESS OF FACILITY

37 REGISTRAR SIGNATURE X
38 DATE RECEIVED BY REGISTRAR (Mo-Day-Yr)

FOR STATE REGISTRAR

ITEM	DOCUMENTARY EVIDENCE:	REVIEWED BY:	DATE:	ITEM	DOCUMENTARY EVIDENCE:	REVIEWED BY:	DATE:

DSHS 9-195 (Rev. 1-80)

SAMPLE COPY

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY—DETACHED FROM CERTIFICATE BEFORE PERMANENT FILING

FA
39 RACE (White, Black, Am Ind Etc. Specify)
40 USUAL OCCUPATION (Kind of Work Done During Most of Working Life)
41 KIND OF BUSINESS OR INDUSTRY
42 EDUCATION—Highest Grade Completed (0-16+)

MO
43 RACE (White, Black, Am Ind Etc. Specify)
44 USUAL OCCUPATION (Kind of Work Done During Most of Working Life)
45 KIND OF BUSINESS OR INDUSTRY
46 EDUCATION—Highest Grade Completed (0-16+)

PREGNANCY HISTORY
47 AMNIOCENTESIS (Circle or X) 0 Not Done 1 1st Trimester 2 2nd Trimester 3 3rd Trimester
48 IS MOTHER MARRIED? (Yes/No)
49 DATE LAST NORMAL MENSES BEGAN (Mo-Day-Yr)
50 MONTH OF PREGNANCY PRENATAL CARE BEGAN (First, Second, Third, Etc.)
51 TOTAL NUMBER OF PRENATAL VISITS (IF NONE ENTER 0)
52 TOTAL PRIOR PREG (Do Not Include This Preg) IF NONE ENTER 0
53 PRIOR LIVE BIRTHS IF NONE ENTER 0 — NOW LIVING | NOW DEAD
54 PRIOR FETAL DEATHS (Do Not Include Induced) Abortions or This Delivery) IF NONE ENTER 0 — BEFORE 20 WEEKS | 20 WEEKS & AFTER
55 FETUS WEIGHT (If known, specify)
56 THIS FETUS (Single, Twin, Etc., Specify)
57 IF NOT SINGLE (Born First, Second, Etc., Specify)
58 LAST PRIOR PREG (Mo-Yr)
59 LAST LIVE BIRTH (Mo-Yr)
60 LAST FETAL DEATH (Mo-Yr)

COMPLICATIONS
61 CONGENITAL MALFORMATIONS OR ANOMOLIES OF FETUS (DESCRIBE OR WRITE NONE)

CIRCLE OR X ALL CODES THAT APPLY IN EACH COLUMN

62 COMPLICATIONS NOT RELATED TO PREG	63 COMPLICATIONS RELATED TO PREG	64 COMPLICATIONS OF LABOR	65 METHOD OF DELIVERY	66 BIRTH INJURIES/ DISEASES OF FETUS	67 (USE THIS SPACE TO SPECIFY OTHER)
0 NONE	0 NONE	0 NONE	0 SPONTANEOUS	0 NONE	
1 DIABETES	1 PRE-ECLAMPSIA	1 ABRUPTIO PLACENTA	1 VACUUM EXTRACTED	1 FETAL HEMORRHAGE	
2 HEART DIS (Symptomatic)	2 ECLAMPSIA	2 PLACENTA PREVIA	2 LOW FORCEPS	2 PLACENTA AND CORD CONDITIONS	
3 CHRONIC HYPERTENSION	3 RH SENSITIZATION	3 CORD (Prolapse)	3 OTHER FORCEPS PROCEDURE	3 SEPSIS (Documented)	
4 CHRONIC RENAL DISEASE	4 SYPHILIS	4 MATERNAL HYPOTENS/ SHOCK	4 PRIMARY C-SECTION	4 MATERNAL CONDITIONS AFFECTING FETUS	
5 ACUTE URINARY TRACT INFECTION	5 HERPES	5 PROLONGED LABOR	5 REPEAT C-SECTION	5 JAUNDICE (Bili > 10)	
6 SURGERY (Abdom/Pelvic)	6 RUBELLA	6 INTRAPARTUM FEVER AMNIONITIS	6 VERSION & EXTRACTION	6 ASPHYXIA	
7 TUMOR	7 ANEMIA (HGB < 10 GM HCT < 30%)	7 LACERATION 3°/4°	7 LABOR INDUCED	7 HEMOLYTIC DISEASE	
8 EPILEPSY	8 HEMORRHAGE OF PREG	8 BREECH	8	8 FRACTURED CLAVICLE	
9 OTHER (Specify)	9 OTHER (Specify)	9 OTHER (Specify)	9 OTHER (Specify)	9 OTHER (Specify)	

OFFICE USE ONLY
DISTRICT
COPIES
HOSPITAL
OCCUR
RESIDENCE
TRACT
F-OCCUP
M-OCCUP
MALFORM
QUERIES

TYPE OR PRINT ENTIRE FORM IN PERMANENT BLACK INK

STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES
VITAL RECORDS

CERTIFICATE OF LIVE BIRTH 146-8

LOCAL FILE NUMBER
STATE FILE NUMBER

CHILD
1 NAME - FIRST, MIDDLE, LAST
2 SEX
3 BIRTHDATE *(MO-DAY-YR)*
4 HOUR *(24 HR DAY)* M
5 BIRTHPLACE TYPE *(X BOX THUS ☒)* ☐ 1. HOSPITAL ☐ 3. BIRTH CENTER ☐ 5. HOME ☐ 2. ENROUTE ☐ OTH. MED. FACIL. ☐ 6. OTHER
6 FACILITY NAME/ADDRESS IF NOT FACILITY
7 CITY/TOWN/LOCATION
8 BIRTH COUNTY

CERTIFIER
9 THE ABOVE IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF *(SIGNATURE AND TITLE)*
X
10 DATE *(MO-DAY-YR)*
11 NAME, TITLE OF ATTENDANT AT BIRTH IF OTHER THAN CERTIFIER *(TYPE OR PRINT)*
12 NAME, TITLE *(TYPE OR PRINT)*
13 MAILING ADDRESS *(STREET BOX NO. CITY, STATE, ZIP)*

FA
14 NAME - FIRST, MIDDLE, LAST
15 AGE *(AT TIME THIS BIRTH)*
16 BIRTH STATE *(IF NOT USA GIVE COUNTRY)*

MOTHER
17 NAME - FIRST, MIDDLE, LAST *(MAIDEN)*
18 AGE *(AT TIME THIS BIRTH)*
19 BIRTH STATE *(IF NOT USA GIVE COUNTRY)*
20 RESIDENCE *(NUMBER AND STREET)*
21 CITY/TOWN/LOCATION
22 INSIDE CITY LIMIT *(YES NO)*
23 COUNTY
24 STATE
25 MOTHERS MAILING ADDRESS *(IF SAME AS ABOVE ENTER ZIP ONLY)*
ZIP

26 NAME OF INFORMANT *(TYPE OR PRINT)*
27 RELATION TO CHILD
28 REGISTRAR *(SIGNATURE)*
X
29 DATE RECEIVED BY REGISTRAR *(MO-DAY-YR)*

30 CHANGE RECORD *(STATE REGISTRAR USE ONLY)*

ITEM	DOCUMENTARY EVIDENCE	REVIEWED BY	DATE	ITEM	DOCUMENTARY EVIDENCE	REVIEWED BY	DATE

DSHS 9-192 (REV 1-82)

SAMPLE COPY

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY — DETACHED FROM CERTIFICATE BEFORE PERMANENT FILING.

FA
31 RACE *(WHITE, BLACK, AM. IND. ETC - SPECIFY)*
32 USUAL OCCUPATION *(KIND OF WORK DONE DURING MOST OF WORKING LIFE)*
33 KIND OF BUSINESS OR INDUSTRY

MO
34 RACE *(WHITE, BLACK, AM. IND. ETC - SPECIFY)*
35 USUAL OCCUPATION *(KIND OF WORK DONE DURING MOST OF WORKING LIFE)*
36 KIND OF BUSINESS OR INDUSTRY
37 IS MOTHER MARRIED? *(YES NO)*

PREGNANCY HISTORY
38 DATE LAST NORMAL MENSES BEGAN *(MO-DAY-YR)*
39 MONTH OF PREGNANCY PRENATAL CARE BEGAN *(FIRST, SECOND, THIRD, ETC.)*
40 TOTAL NUMBER OF PRENATAL VISITS *IF NONE ENTER 0*
41 TOTAL PRIOR PREGNANCIES *(DO NOT INCLUDE THIS PREGNANCY) IF NONE ENTER 0*
42 PRIOR LIVE BIRTHS *(DO NOT INCLUDE THIS CHILD) IF NONE ENTER 0* NOW LIVING NOW DEAD
43 PRIOR FETAL DEATHS *(DO NOT INCLUDE INDUCED ABORTIONS) IF NONE ENTER 0* BEFORE 20 WKS 20 WKS & AFTER
44 BIRTH WEIGHT
45 THIS BIRTH *(SINGLE, TWIN, ETC)*
46 IF NOT SINGLE *(BORN FIRST, SECOND, ETC)*
47 LAST PRIOR PREGNANCY *(MO-YR)*
48 LAST LIVE BIRTH *(MO-YR)*
49 LAST FETAL DEATH *(MO-YR)*
50 APGAR SCORE 1 MIN 5 MIN
51 AMNIOCENTESIS *(X BOX THUS ☒)* ☐ 0 NOT DONE ☐ 1 1ST TRIMESTER ☐ 2 2ND TRIMESTER ☐ 3 3RD TRIMESTER

COMPLICATIONS
52 CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD *(DESCRIBE OR WRITE NONE)*

X BOX(ES) OF ALL CODES THAT APPLY IN EACH COLUMN THUS ☒)

53 COMPLICATIONS NOT RELATED TO PREGNANCY	54 COMPLICATIONS RELATED TO PREGNANCY	55 COMPLICATIONS OF LABOR	56 METHOD OF DELIVERY	57 BIRTH INJURIES/ DISEASES OF NEWBORN	58 *(USE THIS SPACE TO SPECIFY OTHER)*
☐ 0 NONE	☐ 0 NONE	☐ 0 NONE	☐ 0 SPONTANEOUS	☐ 0 NONE	
☐ 1 DIABETES	☐ 1 PRE-ECLAMPSIA	☐ 1 ABRUPTIO PLACENTA	☐ 1 VACUUM EXTRACTED	☐ 1 ERB'S/DUCHENNE'S PALSIES	
☐ 2 HEART DIS *(SYMPTOMATIC)*	☐ 2 ECLAMPSIA	☐ 2 PLACENTA PREVIA	☐ 2 LOW FORCEPS	☐ 2 HYALINE MEMBRANE	
☐ 3 CHRONIC HYPERTENSION	☐ 3 RH SENSITIZATION	☐ 3 CORD *(PROLAPSE)*	☐ 3 OTHER FORCEPS PROCED	☐ 3 SEPSIS *(DOCUMENTED)*	
☐ 4 CHRONIC RENAL DISEASE	☐ 4 SYPHILIS	☐ 4 MATERN HYPOTENS/SHOCK	☐ 4 PRIMARY C-SECTION	☐ 4 SEIZURES	
☐ 5 ACUTE URINARY TRACT INFECTION	☐ 5 HERPES	☐ 5 PROLONGED LABOR	☐ 5 REPEAT C-SECTION	☐ 5 JAUNDICE *(BILI > 10)*	
☐ 6 SURGERY *(ABDOM/PELVIC)*	☐ 6 RUBELLA	☐ 6 INTRAPARTUM FEVER AMNIONITIS	☐ 6 VERSION & EXTRACTIONS	☐ 6 ASPHYXIA	
☐ 7 TUMOR	☐ 7 ANEMIA $\left(\begin{matrix}HGB < 10\ GM\\ HCT < 30\%\end{matrix}\right)$	☐ 7 LACERATION 3°/4°	☐ 7 LABOR INDUCED	☐ 7 HEMOLYTIC DISEASE	
☐ 8 EPILEPSY	☐ 8 HEMORRHAGE OF PREG	☐ 8 BREECH	☐ 8	☐ 8 FRACTURED CLAVICLE	
☐ 9 OTHER *(SPECIFY)*	☐ 9 OTHER *(SPECIFY)*	☐ 9 OTHER *(SPECIFY)*	☐ 9 OTHER *(SPECIFY)*	☐ 9 OTHER *(SPECIFY)*	

FOR INSTRUCTIONS SEE HANDBOOK

TYPE OR PRINT ENTIRE FORM IN PERMANENT BLACK INK

STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES

VITAL RECORDS

CERTIFICATE OF MARRIAGE

146-8

COUNTY DATE

STATE FILE NUMBER

OFFICIANT	I CERTIFY THE PERSONS NAMED BELOW WERE MARRIED ON • • • • • • •	1 DATE(MO DAY YR)	2 COUNTY	3 RELIGIOUS/CIVIL CEREMONY(SPECIFY)	4 DATE SIGNED(MO DAY YR)
	5 OFFICIANT Signature X		6 OFFICIANT ADDRESS		
GROOM	7 NAME FIRST MIDDLE LAST			8 BIRTHDATE(MO DAY YR)	9 BIRTHSTATE(IF NOT USA GIVE COUNTRY)
	10 USUAL RESIDENCE(NUMBER AND STREET)	11 CITY/TOWN/LOCATION	12 INSIDE CITY LIMITS(YES/NO)	13 COUNTY	14 STATE
	15 FATHER S NAME	16 BIRTHSTATE(IF NOT USA GIVE COUNTRY)	17 MOTHER S MAIDEN NAME		18 BIRTHSTATE(IF NOT USA GIVE COUNTRY)
	19 **GROOM** Signature X				20 DATE SIGNED(MO DAY YR)
BRIDE	21 NAME FIRST MIDDLE LAST		22 MAIDEN NAME(IF DIFFERENT)	23 BIRTHDATE(MO DAY YR)	24 BIRTHSTATE(IF NOT USA GIVE COUNTRY)
	25 USUAL RESIDENCE(NUMBER AND STREET)	26 CITY/TOWN/LOCATION	27 INSIDE CITY LIMITS(YES/NO)	28 COUNTY	29 STATE
	30 FATHER S NAME	31 BIRTHSTATE(IF NOT USA GIVE COUNTRY)	32 MOTHER S MAIDEN NAME		33 BIRTHSTATE(IF NOT USA GIVE COUNTRY)
	34 **BRIDE** Signature X				35 DATE SIGNED(MO DAY YR)
	36 WITNESS Signature X		37 WITNESS Signature X		
	38 COUNTY AUDITOR Signature X				39 DATE RECEIVED(MO DAY YR)

SAMPLE COPY

DSHS 9 170(REV 1 80)

TYPE OR PRINT ENTIRE FORM IN PERMANENT BLACK INK

STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES

VITAL RECORDS

CERTIFICATE OF DISSOLUTION OR DECLARATION OF INVALIDITY OF MARRIAGE

146-8

LOCAL FILE NUMBER

STATE FILE NUMBER

DECREE	I CERTIFY THE MARRIAGE OF THE PERSONS NAMED BELOW WAS DISSOLVED ON	1 DATE(MO DAY YR)	2 DISSOLUTION OF MARRIAGE?	3 DECLARATION OF INVALIDITY?	4 COUNTY
	5 CLERK OF SUPERIOR COURT Signature X				6 RECORDING DATE (MO DAY YR)

TO BE COMPLETED BY PETITIONER S ATTORNEY

HUSBAND	7 NAME FIRST MIDDLE LAST			8 BIRTHDATE(MO DAY YR)	9 BIRTHSTATE(IF NOT USA GIVE COUNTRY
	10 RESIDENCE TIME OF FILING(NUMBER STREET)	11 CITY/TOWN/LOCATION	12 INSIDE CITY LIMITS(YES/NO)	13 COUNTY	14 STATE
WIFE	15 NAME FIRST MIDDLE LAST		16 MAIDEN NAME(IF DIFFERENT)	17 BIRTHDATE(MO DAY YR)	18 BIRTHSTATE(IF NOT USA GIVE COUNTRY)
	19 RESIDENCE TIME OF FILING(NUMBER STREET)	20 CITY/TOWN/LOCATION	21 INSIDE CITY LIMITS(YES/NO)	22 COUNTY	23 STATE
	24 MARRIAGE COUNTY	25 STATE(IF NOT USA GIVE COUNTRY)	26 MARRIAGE DATE(MO DAY YR)	27 NUMBER CHILDREN BORN ALIVE TO MARRIAGE	
	28 PETITIONER(HUSBAND WIFE OTHER SPECIFY)	29 ATTORNEY FOR PETITIONER	30 ADDRESS		

SAMPLE COPY

DSHS 9 171(REV1 80)